



WEEKLY EARNINGS OF EMPLOYEES (DISTRIBUTION) AUSTRALIA, AUGUST 1982

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CONTENTS

Table	Page
. . . Summary of findings	1
. . . Explanatory notes	2
1. Full-time employees: deciles of weekly earnings in main job	4
2. Full-time and part-time employees: mean weekly earnings in all jobs, State Capital Cities and Other areas	4
3. All employees: mean weekly earnings in all jobs and full-time or part-time status, States and Territories, August 1978 to 1982	5
4. All employees: weekly earnings in all jobs and full-time or part-time status, States and Territories, August 1982	6
5. Full-time employees aged 20 years and over: mean weekly earnings in main job, by principal occupations, August 1979 to 1982	8
All employees: weekly earnings in all jobs—	
6. Full-time or part-time status—	
Age	11
7. Marital status	13
All employees: weekly earnings in main job—	
8. Full-time or part-time status—	
Hours paid for	14
9. Industry	15
Employees who worked in a second job—	
10. Weekly earnings in main job and weekly earnings in second job	17
11. Number, median and mean weekly earnings in all jobs, hours worked in main job and hours worked in second job	17
12. Weekly earnings and hours worked in second job	17
Full-time employees: weekly earnings in all jobs—	
13. Age	18
14. Birthplace	19
15. Number, mean weekly earnings in all jobs, birthplace and occupation	20
Full-time employees: weekly earnings in main job—	
16. Industry	21
17. Occupation	23
Full-time employees born overseas—	
18. Weekly earnings in all jobs and period of arrival in Australia	24
19. Number, median and mean weekly earnings in all jobs, birthplace and period of arrival in Australia	25
All employees: frequency of pay—	
20. Occupation	26
21. Industry	27
22. States and Territories	28
. . . Technical note	29

SUMMARY OF FINDINGS

All employees

Average weekly earnings of male employees increased by 16.0% in the 12 months ending August 1982 but for female employees the average increased only by 12.2%.

Full-time employees

For full-time males aged 20 years and over the estimated average weekly earnings in August 1982 of \$335 represented a 15.9% increase over August 1981. Average weekly earnings for full-time females aged 20 years and over were \$261, an increase of 12.5% over the previous 12 months. Comparable figures for males and females aged 15-19 years were \$169 (13.4% increase) and \$154 (10.0% increase).

States

Average weekly earnings for full-time employees were highest in the ACT (males \$394, females \$292) and lowest in Tasmania (males \$292, females \$237).

Industry

For full-time male employees, average weekly earnings were highest in the mining industry (\$477) and lowest in agriculture, forestry, fishing, etc. (\$227). The Community Services industry recorded the highest level of average weekly earnings for full-time females (\$289) with the lowest level in recreation, personal and other services (\$208).

Birth place

For full-time employees born overseas average weekly earnings for males were a little above and for females a little below the national average. However whilst average weekly earnings for males born in English speaking countries (\$354) was well above the national average, (\$322), average weekly earnings for males born in Greece (\$269) Italy (\$283) and Yugoslavia (\$296) was well below the national average. A similar relationship applies to the average earnings for full-time females.

EXPLANATORY NOTES

Introduction

In August 1982 a sample household survey, based on the population survey, was conducted throughout Australia in order to obtain information about the weekly earnings and frequency of pay of wage and salary earners. For the sake of brevity, wage and salary earners are referred to in the tables as 'employees'.

2. Some statistics of weekly earnings from this survey were published on 6 January 1983 in *Weekly Earnings of Employees (Distribution), Australia, August 1982 (Preliminary)*, (6309.0).

The population survey

3. The survey was based on a multi-stage area sample of private dwellings (about 30,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.) and covered about two-thirds of one per cent of the population of Australia. The information was obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers, the interviews being conducted during the two weeks beginning 9 August 1982.

Scope

4. The estimates relate to all persons aged 15 years and over who were employed as wage and salary earners in their main job, except:

- (a) members of the permanent defence forces,
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations,
- (c) overseas visitors holidaying in Australia,
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia,
- (e) patients in hospitals and sanatoria or inmates of gaols, reformatories, etc., and
- (f) persons on workers' compensation.

Interpretation of results

5. Since the estimates are based on a sample, they are subject to sampling variability. (See Technical note, page 29, for further details.) In addition, they are subject to errors of response and reporting. In many cases the answer to the question on earnings was based on the knowledge of one person (generally the housewife). Respondents were asked to indicate the amount of earnings in terms of ranges. (An indication of the earnings ranges used can be obtained from Table 6.) It is considered that there may be some understatement in the estimates because of imperfect recall of minor or irregular sources of earnings. Other errors may be due to genuine misunderstanding.

6. Other points which should be kept in mind in interpreting the results of this survey are as follows:

- (a) In making comparisons of earnings between groups of employees it must be remembered that there will be differences arising from the different age and occupation structures of these groups. This is particularly important, for example, when interpreting results in Tables 14, 15 and 19 which show earnings according to birthplace.
- (b) Because employers and self-employed persons were excluded from the survey the results should not be taken as representative of the earnings of all employed persons. In particular, earnings of employees in some occupation groups in Tables 5, 15 and 17 may not reflect the earnings of all persons in those occupations.

Definitions

7. *Weekly earnings* refers to the amount of 'last total pay' prior to the interview (i.e. before taxation and other deductions have been made). For persons paid other than weekly, earnings were converted to a weekly equivalent. No adjustment has been made for any back payment of wage increases or pre-payment of leave, etc.

8. *Median weekly earnings* is the amount which divides the distribution of individuals into two equal groups, one having earnings above and the other below that amount. Medians were calculated from grouped data, the class intervals in some cases being finer than those published in the tables. Linear interpolation was used within the class interval in which the median fell.

9. *Mean weekly earnings* is the amount obtained by dividing the total earnings of a group by the number of units in that group.

10. The *main job* was defined as the job at which most hours were worked during the survey week (i.e. the week before the interview week). The *second job* was defined to include all remaining jobs, in which some hours were worked during the survey week. A person who held more than one job as an employee was classified to the industry and occupation of the main job.

11. *Hours paid for* refers to the number of hours for which an employee was paid and not necessarily to the number of hours actually worked (e.g. an employee on paid leave for the week was asked to report the number of hours for which he was paid).

12. *Hours worked* refers to actual hours worked during the survey week, not necessarily hours paid for. Thus, if a person had been on leave for the whole week, hours worked would have been recorded as nil.

13. *Full-time employees* are those who usually work 35 hours a week or more (in all jobs) and others who, although usually part-time employees, worked 35 hours or more during the survey week. It should be noted that some full-time employees may have worked or been paid for less than a full week. *Part-time employees* are those who usually work less than 35 hours a week and who did so during the survey week. When recording hours of work, fractions of an hour were disregarded.

14. For the purposes of the survey persons were classified as having a second job if, during the survey week, they:

- (a) worked in a second job; and
- (b) were employed as a wage or salary earner in both of their jobs.

Service in the reserve defence forces was not regarded as a second job. Persons who by the nature of their employment worked for more than one employer, e.g. domestics, odd-job men, baby-sitters, etc., were not counted as multiple jobholders unless they also held another job of a different kind; nor were those counted who worked for more than one employer solely by reason of changing jobs during the survey week.

15. For a detailed description of occupations shown in Tables 5, 15, 17 and 20 reference should be made to *Classification and Classified List of Occupations, June 1981* (1206.0).

16. For a detailed description of industries shown in Tables 9, 16 and 21 reference should be made to *Australian Standard Industrial Classification (ASIC), 1978 Edition, Volume 1—The Classification* (1201.0).

Comparability of estimates with those for previous years

17. Similar surveys of earnings have been conducted annually since August 1975. However, care must be taken in making comparison from one survey period to another as the 1975 survey data related to earnings from *all jobs* and *hours worked*, whereas subsequent survey publications contain tables on earnings from the *main job* as well as *all jobs* and statistics of *hours paid for* as well as *hours worked*.

18. Survey estimates from and including 1978 have been based on revised population benchmarks, derived from the 1976 Population Census, adjusted for under-enumeration. Estimates of numbers of employees in these surveys are therefore not comparable with those from earlier surveys. Because of resource constraints it is not feasible to calculate estimates on the revised basis for earlier years. However, it is considered that the estimates of mean and median earnings would have been only slightly affected by the change.

19. Industry estimates from and including the 1980 survey have been classified according to the 1978 version of ASIC. (See paragraph 16.) Estimates from previous surveys were classified according to the 1969 classification. The main industry divisions affected by the change are mining; manufacturing; and finance, property and

business services. Although estimates for these industries are not strictly comparable with corresponding industries for previous surveys, the effect of the change is likely to be very small, particularly for estimates of mean and median earnings.

20. From and including the 1980 survey, occupations of employees have been classified according to the 1976 classification of occupations, subsequently reprinted as the 1981 edition. (See paragraph 15.) In the previous surveys employees were classified according to the 1966 and 1971 classifications of occupations. Twenty-eight occupations (mainly in the field of medical care) were added to the 1971 classification to form the 1976 classification.

Reliability of the estimates

21. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they may differ from the figures that would have been produced if the information had been obtained from occupants of all dwellings. An indication of the likely differences is given in the Technical note, page 29. See also paragraph 12 of the Technical note regarding non-sampling errors.

Related publications

22. Users may also wish to refer to the following publications which are currently available on request. It should be noted however that changes are being made to the frequency and format of some of the surveys. For details of the new arrangements refer to *Information Paper: Review of ABS Employment Statistics*. (6239.0).

Weekly Earnings of Employees (Distribution), Australia, August 1982 (Preliminary) (6309.0)

Average Weekly Earnings, Australia, (Preliminary)—(6301.0), and final publication—(6302.0)—issued quarterly

Earnings and Hours of Employees, Distribution and Composition, Australia, (Preliminary)—(6305.0), and final publication (6306.0)—sample survey conducted each May from 1974 to 1981 inclusive.

Earnings and Hours of Employees, Australia (6304.0)—sample survey conducted each October from 1972 to 1981 inclusive.

Income Distribution, Australia, 1978-79:

Individuals (Preliminary) (6501.0) and final (6502.0);

Income Units (Preliminary) (6522.0) and final (6523.0)

Families (Preliminary) (6506.0)

Supplementary Tables (6504.0)

Wage Rates Indexes, Australia, (Preliminary) (6311.0)—issued monthly

Wage Rates, Australia (6312.0)—issued monthly

The Labour Force, Australia (6203.0)—issued monthly.

23. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

24. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

Symbols and other usages

- * subject to sampling variability too high for most practical uses. See paragraph 7 page 29
- .. not applicable
- n.e.c. not elsewhere classified

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Australian Statistician

TABLE 1. FULL-TIME EMPLOYEES: DECILES(a) OF WEEKLY EARNINGS IN MAIN JOB, AUSTRALIA, AUGUST 1982

Per cent of individuals earning below the levels shown	Aged 20 years and over			Total all ages		
	Males	Females	Persons	Males	Females	Persons
	—dollars—					
10	204	170	191	177	136	160
20	230	199	218	217	173	202
30	253	214	239	242	200	225
40	276	228	257	263	215	247
50	302	244	281	292	232	268
60	327	258	308	317	250	297
70	365	279	341	355	268	328
80	421	312	390	408	300	378
90	519	372	483	507	359	469

(a) Calculated from grouped data using linear interpolation.

TABLE 2. MEAN WEEKLY EARNINGS IN ALL JOBS : FULL-TIME AND PART-TIME EMPLOYEES, STATE CAPITAL CITIES AND OTHER AREAS, AUGUST 1982

	—\$—					
	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.
MALES						
<i>Full-time</i>						
Capital city—mean earnings	339	325	317	308	318	304
Other areas—mean earnings	306	292	313	291	349	284
<i>Part-time(a)</i>						
Capital city—mean earnings	173	136	108	85	128	*
Other areas—mean earnings	153	145	117	119	222	134
FEMALES						
<i>Full-time</i>						
Capital city—mean earnings	254	247	247	242	247	241
Other areas—mean earnings	229	236	225	227	227	233
<i>Part-time(a)</i>						
Capital city—mean earnings	134	120	120	120	116	120
Other areas—mean earnings	109	110	117	106	100	95

(a) Since part-time employees are defined as those who usually work less than 35 hours and who did so in the survey week, these figures may include some school teachers, academic staff in universities, air crew, etc.

TABLE 3. ALL EMPLOYEES: MEAN WEEKLY EARNINGS IN ALL JOBS AND FULL-TIME OR PART-TIME STATUS, STATES AND TERRITORIES, AUGUST 1978 TO 1982
(dollars)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
MALES									
<i>Full-time—</i>									
1978	214	209	206	197	212	197	241	263	210
1979	230	223	216	214	227	208	279	285	225
1980	255	245	241	237	253	239	308	300	249
1981	282	273	271	259	283	266	342	334	277
1982	328	317	315	304	326	292	375	394	322
<i>Part-time—</i>									
1978	111	96	97	76	91	110	*	86	100
1979	106	98	95	73	108	80	*	*	100
1980	108	102	109	84	121	116	*	101	106
1981	129	99	107	93	104	88	*	110	112
1982	166	138	112	93	148	153	*	127	142
<i>Total—</i>									
1978	209	202	202	192	206	194	234	255	205
1979	223	217	211	207	221	204	271	278	219
1980	249	238	235	230	247	236	301	289	243
1981	274	264	265	251	274	260	337	320	269
1982	319	307	305	293	317	288	371	378	311
FEMALES									
<i>Full-time—</i>									
1978	164	162	156	160	161	149	177	186	162
1979	177	174	166	169	173	168	182	200	174
1980	196	192	188	190	192	183	211	221	193
1981	220	216	211	216	214	211	253	263	218
1982	248	245	237	239	243	237	285	292	245
<i>Part-time—</i>									
1978	93	80	79	82	70	73	103	100	84
1979	96	88	84	85	82	85	108	108	90
1980	101	96	90	90	88	90	140	107	96
1981	114	105	104	102	100	102	136	122	108
1982	126	117	118	116	112	107	137	149	120
<i>Total—</i>									
1978	143	137	129	131	129	120	155	162	137
1979	151	147	141	138	139	139	162	171	146
1980	166	161	153	155	151	151	192	187	161
1981	185	184	173	174	169	173	219	218	181
1982	208	204	198	193	192	189	239	244	202
PERSONS									
<i>Full-time—</i>									
1978	199	194	192	187	197	185	226	236	196
1979	214	208	202	201	212	197	256	257	210
1980	238	228	226	224	236	224	281	273	233
1981	264	255	255	246	263	251	318	310	259
1982	304	294	293	285	302	277	346	360	299
<i>Part-time—</i>									
1978	97	84	82	81	74	79	103	98	87
1979	98	90	86	83	86	84	105	115	92
1980	102	97	93	89	94	93	138	106	97
1981	117	104	105	100	101	100	143	119	108
1982	134	122	117	112	118	114	148	145	125
<i>Total—</i>									
1978	184	178	175	168	178	169	210	216	180
1979	197	191	186	181	191	180	240	235	192
1980	218	208	205	202	210	206	264	247	212
1981	241	233	231	222	234	229	297	277	236
1982	278	267	265	255	268	252	319	323	271

TABLE 4. ALL EMPLOYEES : WEEKLY EARNINGS IN ALL JOBS AND FULL-TIME OR PART-TIME STATUS, STATES AND TERRITORIES, AUGUST 1982

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
MALE FULL-TIME EMPLOYEES									
— '000 —									
Weekly earnings(\$)—									
Under 100	15.7	9.8	8.3	3.9	4.8	1.6			44.1
100 and under 110	9.0	5.3	6.4	2.6	*				26.2
110 " 120	6.0	7.6	*	2.6	3.2	1.8			23.9
120 " 130	11.1	8.1	6.5	3.4	3.5				34.1
130 " 140	11.0	6.4	3.9	2.9	2.9	2.3			28.3
140 " 150	10.4	7.4	4.5	3.5	2.1	1.5	2.9	3.6	29.5
150 " 160	14.2	12.4	5.3	4.3	4.7	1.5			43.1
160 " 170	13.4	10.4	8.2	3.1	2.5	1.9			40.0
170 " 180	16.9	12.2	8.1	3.7	5.4	*			49.2
180 " 190	21.1	15.9	8.9	6.3	5.0	2.1			59.4
190 " 200	16.0	18.7	8.5	5.8	4.8	2.8			57.2
200 " 210	38.2	31.3	21.2	10.9	7.8	4.0			114.9
210 " 220	30.7	25.4	13.8	10.3	8.7	3.7			94.8
220 " 230	42.4	42.5	19.7	12.6	10.3	3.3	2.2	4.2	133.1
230 " 240	35.9	33.1	18.9	10.2	12.0	3.4			115.5
240 " 250	50.8	32.9	17.9	12.0	10.2	4.2	2.9	4.0	131.6
250 " 260	63.2	41.8	25.2	15.8	13.8	6.0			169.1
260 " 280	73.8	58.7	31.6	16.6	16.7	6.5	2.0	2.5	207.4
280 " 300	74.2	63.5	33.8	21.5	16.7	6.1		2.8	219.5
300 " 320	96.7	73.1	39.0	18.1	18.5	5.6	3.0	3.6	258.0
320 " 340	61.1	42.4	24.7	16.3	11.5	3.9		2.2	163.4
340 " 360	52.3	42.6	23.4	13.7	13.8	3.8	3.0	3.0	153.5
360 " 380	43.8	36.6	17.5	9.9	9.8	2.8			124.1
380 " 400	43.8	30.3	15.6	8.7	11.1	3.3	3.5	3.0	116.4
400 " 450	71.3	47.6	30.3	15.3	18.1	5.5	3.1	5.4	196.7
450 " 500	52.6	33.2	17.5	9.3	12.4	3.2	2.8	3.5	134.3
500 " 550	39.6	25.2	15.3	5.1	9.6	1.9		5.0	103.3
550 " 600	28.9	18.1	10.3	4.3	5.6	*	3.0	2.6	72.7
600 and over	58.5	35.7	21.6	9.7	16.1	2.1	2.2	4.9	150.7
Total	1,103.2	828.5	469.2	262.4	263.1	87.2	30.7	50.2	3,094.5
— dollars —									
Median earnings	299	291	289	281	294	267	351	355	293
Mean earnings	328	317	315	304	326	292	375	394	322
MALE PART-TIME EMPLOYEES(a)									
— '000 —									
Weekly earnings(\$)—									
Under 40	17.9	14.2	10.9	6.5	6.1				57.4
40 and under 80	4.9	8.6							23.2
80 " 120	7.3	7.6	6.0	3.5	3.8				20.8
120 " 160	5.5	4.9							15.7
160 " 220	8.6	*	5.0	2.7	*				18.1
220 and over	17.4	9.7	4.5	*	3.9	*	*	*	38.3
Total	61.6	49.4	26.0	14.3	15.3	3.1	*	3.2	173.5
— dollars —									
Median earnings	125	90	60	51	64	111	*	50	93
Mean earnings	166	138	112	93	148	153	*	127	142

For footnote see end of table.

TABLE 4. ALL EMPLOYEES : WEEKLY EARNINGS IN ALL JOBS AND FULL-TIME OR PART-TIME STATUS, STATES AND TERRITORIES, AUGUST 1982—continued

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
FEMALE FULL-TIME EMPLOYEES									
— '000 —									
Weekly earnings(\$)—									
Under 100	11.1	10.2	7.5	4.4	5.8	1.6			36.9
100 and under 110	8.1	*	5.3	4.4	5.8	1.6			22.2
110 " 120	8.3	4.6	4.5	5.0	5.1	*			22.3
120 " 130	9.0	11.2	6.8	5.0	5.1	*			34.0
130 " 140	8.6	5.6	4.2	4.1	5.4	2.4			25.4
140 " 150	10.9	8.5	3.8	4.1	5.4	2.4	2.4	5.4	29.0
150 " 160	12.8	9.2	5.9	3.7	3.9	1.8			37.4
160 " 170	15.0	10.5	7.1	3.2	3.7	1.8			41.2
170 " 180	16.0	10.8	5.4	3.7	3.2	2.7			40.9
180 " 190	18.1	18.8	7.4	4.3	3.8	2.7			55.1
190 " 200	17.2	16.9	8.9	4.1	3.6	4.0			52.8
200 " 210	31.8	27.6	12.3	8.6	6.8	4.0			91.1
210 " 220	26.9	21.9	10.9	7.1	6.0	1.9			76.6
220 " 230	31.7	23.8	12.9	5.6	6.5	1.7	2.6	3.1	83.9
230 " 240	25.8	20.0	10.6	5.9	7.2	1.5			73.1
240 " 250	27.7	20.3	9.8	5.6	6.4	1.7	2.4	2.9	73.6
250 " 260	31.6	27.2	10.0	8.3	5.0	2.0			87.2
260 " 280	36.1	33.1	12.5	8.4	6.4	2.0	*	2.8	101.8
280 " 300	26.5	21.6	10.0	5.9	5.7	2.3			73.6
300 " 320	22.5	18.7	8.1	4.2	5.1	2.3			62.2
320 " 340	17.2	11.0	5.8	5.1	3.1	2.1	3.7	5.0	42.9
340 " 360	12.2	9.6	4.3	5.1	2.7	2.1			33.8
360 and over	49.2	35.5	18.1	9.5	11.1	3.4	2.4	5.0	134.1
Total	474.4	380.9	191.9	106.6	106.5	32.4	14.2	24.3	1,331.3
— dollars —									
Median earnings	235	233	225	229	229	223	258	265	232
Mean earnings	248	245	237	239	243	237	285	292	245
FEMALE PART-TIME EMPLOYEES(a)									
— '000 —									
Weekly earnings(\$)—									
Under 40	33.0	32.0	17.9	9.1	13.0	2.7			109.9
40 and under 60	19.7	16.0	8.4	5.6	5.6	2.6			60.3
60 " 80	20.1	18.2	8.1	6.7	7.2	1.9			62.7
80 " 100	19.1	14.6	10.6	7.6	7.8	2.2	3.0	2.9	63.5
100 " 110	14.6	10.1	7.0	4.7	5.6	1.5			44.8
110 " 120	11.0	9.7	3.6	3.9	3.7	1.5			34.5
120 " 130	14.1	11.2	4.6	3.9	3.9	1.5			40.0
130 " 140	9.0	9.3	3.4	2.8	*	*			27.8
140 " 160	21.2	16.4	7.8	5.2	5.0	1.7			58.8
160 " 180	15.8	14.3	5.9	4.0	3.6	1.6	3.4	2.7	46.0
180 " 200	12.5	6.0	4.9	3.8	2.6	1.6			31.2
200 " 220	11.9	6.0	4.8	*	2.9	1.5			29.3
220 and over	24.3	17.6	8.3	5.6	5.2	1.5		2.5	65.4
Total	226.3	181.3	95.4	65.0	68.3	19.2	6.4	12.2	674.2
— dollars —									
Median earnings	116	110	104	108	101	101	113	142	109
Mean earnings	126	117	118	116	112	107	137	149	120

(a) Since part-time employees are defined as those who usually work less than 35 hours and who did so in the survey week, these figures may include some school teachers, academic staff in universities, air crew, etc.

**TABLE 5. FULL-TIME EMPLOYEES AGED 20 YEARS AND OVER: MEAN WEEKLY EARNINGS IN
MAIN JOB, BY PRINCIPAL OCCUPATIONS, AUSTRALIA, AUGUST 1979 TO 1982**

Code no. (a)	Occupation	Mean weekly earnings (\$)				Movement in mean weekly earnings from Aug. 1979 to Aug. 1982	
		August 1982	August 1981	August 1980	August 1979	\$	%
MALES							
001-091	Professional, technical and related workers	414	356	325	297	117	39.4
001-011	Architects, engineers and surveyors, professional	468	405	373	338	130	38.5
012-016	Chemists, physicists, geologists and other physical scientists	457	407	377	343	114	33.2
023-027	Nurses, including probationers or trainees	334	269	266	220	114	51.8
028-037	Professional medical workers, n.e.c.	400	338	320	305	95	31.1
038-058	Teachers, lecturers and related professions	419	362	339	301	118	39.2
059-060	Clergy and related members of religious orders	211	176	165	145	66	45.5
062-065	Artists, entertainers, writers and related workers	371	331	310	275	96	34.9
066-078	Draftsmen and technicians, n.e.c.	363	304	274	250	113	45.2
079-091	Other professional, technical and related workers	416	360	327	302	114	37.7
100-119	Administrative, executive and managerial workers	416	362	330	299	117	39.1
100-109	Administrative and executive officials, government, n.e.c.	428	353	326	287	141	49.1
110-119	Directors and managers, n.e.c.	415	362	331	300	115	38.3
150-155	Clerical workers	323	282	251	232	91	39.2
150	Book-keepers and cashiers	304	268	234	228	76	33.3
152-155	Other clerical workers	325	284	252	232	93	40.1
200-211	Sales workers	301	275	244	219	82	37.4
200-201	Insurance, real estate salesmen, auctioneers and valuers	354	303	277	244	110	45.1
202	Commercial travellers and manufacturers agents	309	284	254	231	78	33.8
203-211	Salesmen, shop assistants and related workers	279	262	229	204	75	36.8
300-337	Farmers, fishermen, hunters, timbergetters and related workers	236	215	196	167	69	41.3
317-331	Farm workers including farm foremen	235	209	190	167	68	40.7
400-414	Miners, quarrymen and related workers	475	390	342	276	199	72.1
400-411	Miners, mineral prospectors and quarrymen	486	394	344	279	207	74.2
500-531	Workers in transport and communication	315	277	254	228	87	38.2
505-507	Drivers and firemen, rail transport	349	296	258	250	99	39.6
508-513	Drivers, road transport	297	264	245	221	76	34.4
515-520	Inspectors, supervisors, traffic controllers and despatchers, transport	347	305	276	246	101	41.1
526-528	Postmasters, postmen and messengers	291	253	209	212	79	37.3
600-747	Tradesmen, production-process workers and labourers, n.e.c.	305	262	235	212	93	43.9
600-606	Spinners, weavers, knitters, dyers and related workers	286	249	203	202	84	41.6
607-615	Tailors, cutters, furriers and related workers	261	247	198	193	68	35.2
619-623	Furnacemen, rollers, drawers, moulders and related metal making and treating workers	307	255	242	219	88	40.2

For footnote see end of table

**TABLE 5. FULL-TIME EMPLOYEES AGED 20 YEARS AND OVER: MEAN WEEKLY EARNINGS IN
MAIN JOB, BY PRINCIPAL OCCUPATIONS, AUSTRALIA, AUGUST 1979 TO 1982—continued**

Code no. (a)	Occupation	Mean weekly earnings (\$)				Movement in mean weekly earnings from Aug. 1979 to Aug. 1982	
		August 1982	August 1981	August 1980	August 1979	\$	%
MALES							
600-747	Tradesmen, production—process workers and labourers, n.e.c.—continued						
624-631	Precision instrument makers, watchmakers, jewellers and related workers	312	298	266	213	99	46.5
632-649	Machine toolmakers, metal machinists, mechanics, plumbers and related metal workers	320	271	245	220	100	45.5
650-659	Electricians and related electrical and electronic workers	339	281	259	228	111	48.7
660-664	Metal workers, metal and electrical production-process workers, n.e.c.	284	244	222	196	88	44.9
665-675	Carpenters, woodworking machinists, cabinet makers and related workers	290	247	223	207	83	40.1
676-677	Painters and decorators	281	248	216	204	77	37.7
678-686	Bricklayers, plasterers and construction workers, n.e.c.	322	278	247	225	97	43.1
687-692	Compositors, printing machinists, engravers, bookbinders and related workers	325	276	250	247	78	31.6
693-698	Potters, kilnmen, glass and clay formers and related workers	314	270	237	*	..	..
699-707	Millers, bakers, butchers, brewers and related food and drink workers	278	252	222	207	71	34.3
708-710	Chemical, sugar and paper production-process workers	359	308	265	244	115	47.1
712-719	Paper products, rubber, plastic and production-process workers, n.e.c.	266	244	215	192	74	38.5
721-727	Stationary engine, excavating and lifting equipment operators	318	272	249	215	103	47.9
728-730	Storemen and freight handlers	275	248	217	192	83	43.2
731-743	Labourers, n.e.c.	275	228	209	186	89	47.8
800-823	Service, sport and recreation workers	312	273	251	221	91	41.2
800-802	Fire brigade, police and other protective service workers	380	338	301	263	117	44.5
803-809	Housekeepers, cooks, helpers and related workers	292	252	241	225	67	29.8
810-811	Waiters, bartenders	257	232	207	191	66	34.6
812-813	Caretakers, cleaners (offices and buildings)	253	225	198	178	75	42.1
819-823	Service, sport, recreation workers, n.e.c.	271	252	232	214	57	26.6
FEMALES							
001-091	Professional, technical and related workers	328	285	257	231	97	42.0
023-027	Nurses, including probationers or trainees	302	254	227	210	92	43.8
028-037	Professional medical workers, n.e.c.	331	289	264	250	81	32.4
038-058	Teachers, lecturers and related professions	361	315	284	248	113	45.6
062-065	Artists, entertainers, writers and related workers	286	285	234	210	76	36.2
066-078	Draftsmen and technicians, n.e.c.	263	239	223	204	59	28.9
079-091	Other professional, technical and related workers	320	282	262	*	..	..
100-119	Administrative, executive and managerial workers	279	296	239	219	60	27.4
110-119	Directors and managers, n.e.c.	279	289	239	217	62	28.6
150-155	Clerical workers	251	226	200	181	70	38.7
150	Book-keepers and cashiers	257	218	196	179	78	43.6
151	Stenographers and typists	253	226	200	183	70	38.3
152-155	Other clerical workers	250	227	201	180	70	38.9

For footnote see end of table

**TABLE 5. FULL-TIME EMPLOYEES AGED 20 YEARS AND OVER: MEAN WEEKLY EARNINGS IN
MAIN JOB, BY PRINCIPAL OCCUPATIONS, AUSTRALIA, AUGUST 1979 TO 1982—continued**

Code no. (a)	Occupation	Mean weekly earnings (\$)				Movement in mean weekly earnings from Aug. 1979 to Aug. 1982	
		August 1982	August 1981	August 1980	August 1979	\$	%
FEMALES							
200-211	Sales workers	225	209	182	165	60	36.4
203-211	Salesmen, shop assistants and related workers	220	202	177	164	56	34.1
300-337	Farmers, fishermen, hunters, timbergetters and related workers	153	162	133	129	24	18.6
317-331	Farm workers including farm foremen	156	159	146	130	26	20.0
500-531	Workers in transport and communication	241	216	201	174	67	38.5
521-525	Telephone, telegraph and related telecommunication operators	243	220	200	177	66	37.3
600-747	Tradesmen, production-process workers and labourers, n.e.c.	216	189	170	152	64	42.1
600-606	Spinners, weavers, knitters, dyers and related workers	212	187	157	152	60	39.5
607-615	Tailors, cutters, furriers and related workers	203	179	160	142	61	43.0
616-618	Leather cutters, lasters, sewers (except gloves and garments) and related workers	191	171	155	*	..	..
632-649	Machine toolmakers, metal machinists, mechanics, plumbers and related metal workers	226	187	167	163	63	38.7
660-664	Metal workers, metal and electrical production-process workers, n.e.c.	231	190	186	149	82	55.0
687-692	Compositors, printing machinists, engravers, bookbinders and related workers	221	199	179	*	..	..
699-707	Millers, bakers, butchers, brewers, and related food and drink workers	213	193	177	164	49	29.9
720	Packers, wrappers, labellers	223	191	171	152	71	46.7
800-823	Service, sport and recreation workers	221	201	180	165	56	33.9
803-809	Housekeepers, cooks, maids and related workers	213	189	173	158	55	34.8
810-811	Waitresses and bartenders	223	202	188	176	47	26.7
812-813	Caretakers, cleaners (offices and buildings)	222	188	184	158	64	40.5
814	Hairdressers and beauticians	216	214	175	*	..	..
815	Launderers, dry cleaners and pressers	206	194	164	144	62	43.1
819-823	Service, sport, recreation workers, n.e.c.	232	229	191	183	49	26.8

(a) According to the classification of occupations used for the 1981 Population Census.

NOTE. Care should be exercised in interpreting the estimates in this table, for the following reasons: (a) The estimates relate only to *employees* aged 20 years and over. Employers and self-employed persons are therefore excluded. (b) Because particulars of educational qualifications were not obtained in the survey the information on occupations cannot be checked, and certain groups, especially Professional, technical and related workers (001-091), may be subject to misreporting. (c) Some occupation groups shown cover a variety of activities. (d) The estimates are subject to sampling variability. See Technical note, paragraph 2. Standard errors vary according to the size of the population for which the mean has been obtained. Relative standard errors of means in this table are all approximately 9 per cent or less.

TABLE 6. ALL EMPLOYEES: WEEKLY EARNINGS IN ALL JOBS, AGE AND
FULL-TIME OR PART-TIME STATUS, AUSTRALIA, AUGUST 1982

	Males			Females			Persons		
	Aged 15-19 years	Aged 20 years and over	Total	Aged 15-19 years	Aged 20 years and over	Total	Aged 15-19 years	Aged 20 years and over	Total
FULL-TIME EMPLOYEES									
—'000—									
Weekly earnings (\$)—									
Under 100	23.6	20.6	44.1	15.7	21.2	36.9	39.3	41.7	81.1
100 and under 110	17.2	9.0	26.2	15.6	6.5	22.2	32.8	15.5	48.3
110 " 120	17.6	6.3	23.9	15.7	6.6	22.3	33.3	12.9	46.2
120 " 130	21.7	12.4	34.1	22.9	11.1	34.0	44.6	23.5	68.1
130 " 140	19.6	8.7	28.3	17.8	7.5	25.4	37.4	16.3	53.7
140 " 150	15.1	14.4	29.5	17.9	11.1	29.0	33.0	25.6	58.6
150 " 160	20.5	22.6	43.1	15.5	21.9	37.4	36.1	44.4	80.5
160 " 170	18.7	21.4	40.0	16.7	24.5	41.2	35.4	45.8	81.2
170 " 180	14.4	34.8	49.2	12.8	28.1	40.9	27.3	62.9	90.1
180 " 190	13.5	45.8	59.4	12.5	42.5	55.1	26.1	88.4	114.4
190 " 200	9.8	47.4	57.2	7.8	45.0	52.8	17.6	92.4	110.0
200 " 210	12.4	102.6	114.9	6.4	84.7	91.1	18.7	187.3	206.0
210 " 220	9.9	85.0	94.8	4.8	71.8	76.6	14.7	156.8	171.4
220 " 230	6.5	126.5	133.1	4.6	80.9	83.9	9.5	207.5	217.0
230 " 240	4.9	110.3	115.2		71.5	73.1	6.5	181.8	188.4
240 " 250	5.0	126.5	131.5	5.1	71.6	73.6	7.0	198.1	205.0
250 " 260	6.2	162.9	169.1		85.9	87.2	7.5	248.8	256.3
260 " 280	5.8	201.9	207.7	*	100.0	101.8	7.6	301.9	309.5
280 " 300	4.6	214.9	219.5		73.0	73.7	5.4	287.9	293.2
300 " 320	4.8	255.4	258.0	*	61.7	62.2	6.0	317.1	320.2
320 " 340		161.4	163.5	*	42.1	42.8		203.5	206.4
340 " 360	4.8	153.1	153.5	*	33.4	33.7	7.1	186.4	187.2
360 " 380		123.4	124.1	*	26.8	27.1		150.2	151.2
380 " 400	4.8	115.7	116.4	*	25.8	26.0		141.6	142.4
400 " 450		196.0	196.8	*	39.6	40.0	7.1	235.6	236.8
450 " 500		133.8	134.3	*	13.5	13.6		147.2	147.9
500 " 550	4.8	103.1	103.6	*	9.6	9.7	7.1	112.7	113.3
550 " 600		72.4	72.7	*	*	*		75.8	76.3
600 and over	4.8	149.7	150.7	*	13.7	14.3		163.4	165.0
Total	256.7	2,837.8	3,094.5	196.1	1,135.1	1,331.3	452.8	3,972.9	4,425.8
—dollars—									
Median earnings	157	304	293	146	245	232	152	282	269
Mean earnings	169	335	322	154	261	245	162	314	299
PART-TIME EMPLOYEES(a)									
—'000—									
Weekly earnings (\$)—									
Under 40	40.1	17.2	57.4	52.9	57.0	109.9	93.0	74.3	167.3
40 and under 60	7.8	5.6	13.4	11.3	49.1	60.3	19.1	54.7	73.8
60 " 80	8.0	5.5	9.7	6.1	56.6	62.7	10.3	62.1	72.4
80 " 100		5.6	9.3		59.6	63.5	7.6	65.2	72.8
100 " 110	5.1	4.8	7.1	7.8	43.6	44.8	5.8	48.4	51.9
110 " 120		7.3	9.0		33.0	34.5		36.6	39.0
120 " 130	5.1	4.5	5.7	5.1	38.7	40.0	5.5	42.5	44.6
130 " 140		7.4	8.5		26.8	27.8		28.8	30.9
140 " 150	4.6	7.4	8.5	5.1	25.5	26.7	6.4	28.0	29.3
150 " 160		5.2	7.7		30.5	32.1		34.9	37.5
160 " 170	4.6	5.2	7.7		25.8	26.3		28.8	29.4
170 " 180		5.2	7.7		19.3	19.7		19.7	21.1
180 " 190	4.6	5.2	7.7		15.2	15.4		17.6	18.5
190 " 200		5.2	7.7		15.6	15.8		18.0	18.9
200 and over	4.6	44.6	45.7	*	93.7	94.7	*	138.3	140.3
Total	65.7	107.8	173.5	84.1	590.1	674.2	149.8	697.9	847.7
—dollars—									
Median earnings	33	158	93	32	119	109	32	122	107
Mean earnings	50	197	142	46	131	120	48	141	125

For footnote see end of table.

TABLE 6. ALL EMPLOYEES: WEEKLY EARNINGS IN ALL JOBS, AGE AND FULL-TIME OR PART-TIME STATUS, AUSTRALIA, AUGUST 1982—continued

			Males			Females			Persons		
			Aged 15-19 years	Aged 20 years and over	Total	Aged 15-19 years	Aged 20 years and over	Total	Aged 15-19 years	Aged 20 years and over	Total
TOTAL											
— '000—											
Weekly earnings (\$)—											
Under 40			42.4	22.3	64.7	53.8	61.0	114.8	96.2	83.3	179.5
40 and under	60		9.0	8.9	17.9	12.6	53.3	65.9	21.6	62.2	83.8
60	80	60	8.0	10.5	18.5	8.5	61.3	69.8	16.4	71.8	88.3
80	100	100	20.1	12.8	32.9	15.0	67.8	82.8	35.1	80.6	115.7
100	110	110	19.4	13.8	33.2	16.8	50.2	67.0	36.2	64.0	100.2
110	120	120	18.5	9.8	28.3	17.2	39.6	56.8	35.7	49.5	85.2
120	130	130	22.6	16.2	38.7	24.2	49.8	74.0	46.7	66.0	112.7
130	140	140	20.7	10.7	31.4	18.8	34.4	53.1	39.5	45.1	84.5
140	150	150	15.2	17.0	32.2	19.1	36.6	55.7	34.3	53.6	87.9
150	160	160	21.5	27.0	48.4	17.1	52.4	69.5	38.6	79.4	117.9
160	170	170	18.8	24.4	43.2	17.2	50.3	67.5	36.0	74.7	110.7
170	180	180	15.4	35.2	50.6	13.2	47.4	60.6	28.7	82.6	111.2
180	190	190	14.2	48.2	62.4	12.8	57.7	70.5	27.0	105.9	132.9
190	200	200	10.6	49.8	60.4	7.9	60.7	68.6	18.5	110.5	129.0
200	210	210	12.5	107.0	119.5	6.4	101.1	107.5	18.9	208.1	227.0
210	220	220	10.0	87.6	97.6	8.1	84.3	89.5	15.1	172.0	187.0
220	230	230	6.7	127.7	134.4		90.8	93.8	9.7	218.5	228.1
230	240	240	4.9	112.0	117.0	5.5	80.1	82.3	7.1	192.1	199.2
240	250	250	5.3	128.1	133.4		77.5	79.5	7.2	205.6	212.9
250	260	260	6.3	164.8	171.1		92.7	94.1	7.7	257.5	265.2
260	280	280	6.2	204.8	210.9	6.0	105.3	107.1	8.0	310.1	318.0
280	300	300	4.6	218.5	223.1		77.7	78.4	5.4	296.1	301.5
300	320	320	4.8	258.0	260.6		66.9	67.4	6.0	324.9	328.0
320	340	340		163.7	165.9		45.9	46.6		209.6	212.5
340	360	360	4.8	155.7	156.1		35.3	35.6		191.0	191.7
360	380	380		125.8	126.5		29.4	29.8		155.2	156.2
380	400	400		118.2	118.9		27.4	27.6		145.6	146.5
400	450	450		201.8	202.5		44.8	45.2	7.1	246.5	247.7
450	500	500	4.8	135.0	135.6		14.5	14.6		149.5	150.2
500	550	550		104.8	105.3		10.3	10.4		115.1	115.7
550	600	600		73.0	73.3		*	*		77.0	77.4
600 and over				152.6	153.6		14.8	15.4		167.4	169.0
Total			322.4	2,945.6	3,268.0	280.2	1,725.2	2,005.4	602.6	4,670.8	5,273.4
— dollars —											
Median earnings			140	301	287	127	215	202	133	263	252
Mean earnings			145	330	311	122	216	202	134	288	271

(a) Since part-time employees are defined as those who usually work less than 35 hours and who did so during the survey week, these figures may include school teachers, academic staff in universities, aircrew, etc.

TABLE 7. ALL EMPLOYEES: WEEKLY EARNINGS IN ALL JOBS, MARITAL STATUS AND FULL-TIME OR PART-TIME STATUS, AUSTRALIA, AUGUST 1982

	Males			Females		
	Married(a)	Not married(b)	Total	Married(a)	Not married(b)	Total
FULL-TIME EMPLOYEES						
— '000 —						
Weekly earnings (\$)—						
Under 100	12.3	31.8	44.1	13.0	23.9	36.9
100 and under 110	6.6	19.6	26.2	} 8.4 {	17.9	22.2
110 " 120	4.5	19.4	23.9		18.2	22.3
120 " 130	7.5	26.6	34.1	} 6.9 {	27.1	34.0
130 " 140	5.4	22.9	28.3		21.6	25.4
140 " 150	7.0	22.5	29.5	} 9.3 {	23.5	29.0
150 " 160	12.0	31.1	43.1		24.3	37.4
160 " 170	14.2	25.9	40.0	14.0	27.2	41.2
170 " 180	20.0	29.2	49.2	15.6	25.3	40.9
180 " 190	26.1	33.3	59.4	27.4	27.7	55.1
190 " 200	28.7	28.5	57.2	25.3	27.6	52.8
200 " 210	67.6	47.4	114.9	47.6	43.5	91.1
210 " 220	55.1	39.8	94.8	41.7	34.9	76.6
220 " 230	85.8	47.3	133.1	46.8	37.1	83.9
230 " 240	76.0	39.3	115.2	42.1	31.0	73.1
240 " 250	82.1	49.4	131.5	43.2	30.4	73.6
250 " 260	120.4	48.8	169.1	50.8	36.4	87.2
260 " 280	147.9	59.8	207.7	60.0	41.8	101.8
280 " 300	156.9	62.6	219.5	44.8	28.9	73.7
300 " 320	199.2	58.8	258.0	34.2	28.0	62.2
320 " 340	124.6	38.9	163.5	23.9	18.9	42.8
340 " 360	115.2	38.3	153.5	20.1	13.6	33.7
360 " 380	97.5	26.5	124.1	15.1	12.1	27.2
380 " 400	91.2	25.2	116.4	16.0	10.1	26.0
400 " 450	162.7	34.1	196.8	23.8	16.3	40.0
450 " 500	112.3	22.1	134.3	7.7	5.8	13.6
500 " 550	90.5	13.1	103.6	} 7.4 {	5.9	13.3
550 " 600	63.1	9.5	72.6			
600 and over	129.0	21.8	150.7	7.1	7.2	14.3
Total	2,121.3	973.2	3,094.5	665.2	666.1	1,331.3
— dollars —						
Median earnings	313	245	293	245	217	232
Mean earnings	348	264	322	260	230	245
PART-TIME EMPLOYEES(c)						
— '000 —						
Weekly earnings (\$)—						
Under 40	5.7	51.7	57.4	41.9	68.0	109.9
40 and under 60	} 8.5 {	9.6	13.4	39.1	21.2	60.3
60 " 80		7.5	9.7	49.6	13.1	62.7
80 " 100	} 7.1 {	6.9	9.3	51.9	11.5	63.5
100 " 120		7.2	11.5	67.9	11.4	79.4
120 " 140	} 7.3 {	4.9	7.7	55.8	11.9	67.7
140 " 160		5.1	8.0	48.1	10.7	58.8
160 " 180	} *	4.5	4.5	38.4	7.6	46.0
180 " 200		5.3	6.3	25.9	5.3	31.2
200 and over	30.9	14.8	45.7	75.3	19.4	94.7
Total	60.6	112.9	173.5	494.1	180.1	674.2
— dollars —						
Median earnings	203	50	93	119	61	109
Mean earnings	228	96	142	131	91	120

(a) Includes permanently separated and de facto relationships. (b) Never married, widowed and divorced. (c) Since part-time employees are defined as those who usually work less than 35 hours and who did so during the survey week, these figures may include school teachers, academic staff in universities, aircrew, etc.

TABLE 8. ALL EMPLOYEES: WEEKLY EARNINGS IN MAIN JOB AND HOURS PAID FOR, AUSTRALIA, AUGUST 1982

Hours paid for—									
	1-19	20-29	30-34	35-39	40	41-44	45-48	49 and over	Total
MALES									
— '000 —									
Weekly earnings (\$)—									
Under 100	84.9	5.5	5.2	7.8	18.7			10.3	135.6
100 and under 110				4.9	13.9				33.5
110 " 120	11.6	6.8	4.7	4.7	14.2	5.5	5.7	10.3	28.4
120 " 130				6.4	18.6				38.8
130 " 140				7.2	16.9				31.5
140 " 150		8.8	5.0	7.3	11.7				33.3
150 " 160				10.0	20.7	5.4	7.1	11.5	49.9
160 " 170	8.0			8.6	24.3				42.7
170 " 180		7.3	7.8	9.0	31.8				50.7
180 " 190				11.7	34.7	7.0	7.6	9.9	62.9
190 " 200		5.0	6.8	13.8	32.7				61.7
200 " 210				23.7	68.9	5.3	8.5	13.4	120.9
210 " 220				25.9	54.8	5.2			98.6
220 " 230		4.9	8.4	30.8	79.5	7.8	5.1	8.0	136.4
230 " 240				25.0	64.8	9.1	5.2	7.8	117.3
240 " 250	6.1			35.6	71.7	6.3	6.8	7.1	133.5
250 " 260		5.4	11.4	39.4	94.1	10.8	8.5	12.5	172.0
260 " 280				60.1	110.1	13.8	11.1	10.4	212.9
280 " 300				64.1	105.3	16.8	13.2	14.8	222.8
300 " 320		5.5	12.8	75.2	111.5	22.1	19.6	25.8	261.4
320 " 340	5.4			50.2	69.3	11.6	13.7	12.6	163.9
340 " 360				46.8	56.3	14.4	15.3	16.8	155.8
360 " 380		4.5	10.9	39.6	41.2	14.0	10.2	14.0	124.2
380 " 400				35.5	38.4	10.5	11.6	15.9	117.4
400 and over	4.7	9.5	16.2	169.8	167.9	58.9	70.9	164.0	661.8
Total	120.8	63.1	89.2	813.0	1,372.0	224.5	220.3	365.1	3,268.0
— dollars —									
Median earnings	49	205	256	303	263	317	337	376	287
Mean earnings	98	246	283	324	286	349	363	408	311
FEMALES									
— '000 —									
Weekly earnings (\$)—									
Under 100	287.8	19.0	5.8	6.2	12.4				339.2
100 and under 110									
110 " 120	31.3	14.4		9.1	13.2	6.8	5.2	7.3	68.0
120 " 130	18.0	17.5	6.5		11.4				57.3
130 " 140	19.3	22.0		10.1	17.8				74.6
140 " 150	10.1	17.1	8.0	7.0	15.0				54.4
150 " 160	8.0	15.9		8.7	15.0				54.7
160 " 170	7.2	20.5	7.3	13.3	17.8	5.1			70.0
170 " 180	11.1	14.5	6.1	13.8	22.4				66.6
180 " 190		9.4	8.5	13.6	21.5		4.7	7.5	59.8
190 " 200	5.9	8.7	6.3	17.5	32.2				70.8
200 " 210		7.4	7.1	16.3	31.8	6.1			68.5
210 " 220		7.2	9.5	30.1	52.8				108.0
220 " 230	5.8	6.0	6.8	23.0	44.4	7.6			89.4
230 " 240		5.0	7.1	26.0	48.5		5.9	5.4	93.5
240 " 250		4.6	11.7	23.9	38.9	7.4			81.8
250 " 260	5.9			27.6	38.6				79.5
		6.7	6.6	38.2	39.0				95.0
260 " 280				46.6	44.1	7.9	5.2	4.7	106.7
280 and over	5.1	15.2	24.0	135.1	118.6	22.8	15.7	31.0	367.4
Total	415.6	210.9	121.2	466.2	635.2	63.7	36.7	55.9	2,005.4
— dollars —									
Median earnings	73	150	205	245	222	246	261	310	202
Mean earnings	81	165	224	253	229	258	270	355	202

TABLE 9. ALL EMPLOYEES: WEEKLY EARNINGS IN MAIN JOB AND INDUSTRY, AUSTRALIA, AUGUST 1982

MALES									
— '000 —									
	Agriculture, forestry, fishing, etc.	Mining	Manufacturing	Electricity, gas and water	Construction	Wholesale and retail trade	Transport and storage		
Weekly earnings (\$)—									
Under 100	15.3	*	15.5	*		56.3			
100 and under 110			7.4		6.7			6.3	
110 " 120	4.8		8.0			9.6			
120 " 130			8.5		5.6	7.8			
130 " 140	7.5		8.3	5.4		9.1			
140 " 150			6.2		7.7	7.2		5.0	
150 " 160	7.9	5.6	11.8		8.7	5.4			
160 " 170			10.4			10.5			
170 " 180	9.4		11.4	4.7	6.1	8.2		8.7	
180 " 190			16.6		10.7	10.6			
190 " 200	12.9		18.3			11.9		7.9	
200 " 210			31.4	6.6	9.8	13.0			
210 " 220	6.9		28.7	4.7	6.1	24.2		9.3	
220 " 230			39.0		9.7	20.9		7.5	
230 " 240	7.2	5.1	34.0	8.6	6.7	31.0		12.5	
240 " 250			43.1		10.2	22.7		10.2	
250 " 260	6.0		51.7	4.8	15.0	20.4		10.8	
260 " 280			72.6	7.4	15.0	34.0		15.0	
280 " 300	7.0	8.3	68.2	10.5	18.9	35.9		19.9	
300 " 320			76.4	12.8	28.3	38.6		18.6	
320 " 360	10.2	5.0	91.9	13.5	37.6	39.8		22.9	
360 " 400		6.1	61.1	10.6	24.0	44.5		25.7	
400 " 500	8.1	13.2	80.1	16.5	24.6	27.4		21.0	
500 and over		33.4	59.5	11.9	22.4	28.8		28.0	
Total	103.0	76.8	860.0	118.3	273.9	552.6		259.2	
— dollars —									
Median earnings	203	464	282	310	300	252		298	
Mean earnings	218	475	304	337	312	264		331	
— '000 —									
	Communication	Finance, property and business services	Public administration and defence(a)	Community services	Recreation, personal and other services	Total			
Weekly earnings (\$)—									
Under 100	*	6.5	*	16.2	16.1	135.6			
100 and under 110			*			33.5			
110 " 120		7.6	*	4.5	4.8	28.4			
120 " 130						38.8			
130 " 140	5.1	6.1	5.0	8.2	7.8	31.5			
140 " 150		4.9				33.3			
150 " 160		7.8		7.0	6.6	49.9			
160 " 170						42.7			
170 " 180		9.6	7.3	13.0	9.3	50.7			
180 " 190	6.2	10.1	6.0	8.4	5.0	62.9			
190 " 200		6.0	5.1		5.4	61.7			
200 " 210		4.9	8.7	8.1		120.9			
210 " 220	8.2	9.2	7.7	9.5		98.6			
220 " 230		9.2	9.1	9.4	10.5	136.4			
230 " 240	8.8	9.2	10.7			117.3			
240 " 250		9.2	12.0	10.7		133.5			
250 " 260	5.8			12.3	11.2	172.0			
260 " 280	6.1	14.6	15.7	16.1	5.7	212.9			
280 " 300	7.3	14.5	13.7	21.0	4.9	222.8			
300 " 320	11.9	19.2	13.2	20.6	7.2	261.4			
320 " 360	12.0	23.2	18.4	35.4	8.6	319.7			
360 " 400	7.3	23.0	17.5	34.6	7.1	241.6			
400 " 500	11.2	24.8	26.2	67.5	9.0	334.2			
500 and over	6.2	37.0	25.3	57.6	6.2	327.7			
Total	96.9	247.4	194.2	360.3	125.4	3,268.0			
— dollars —									
Median earnings	300	304	305	338	233	287			
Mean earnings	316	334	342	355	249	311			

For footnote see end of table.

TABLE 9. ALL EMPLOYEES: WEEKLY EARNINGS IN MAIN JOB AND INDUSTRY, AUSTRALIA, AUGUST 1982—continued

FEMALES					
	Manufacturing	Wholesale and retail trade	Transport and storage	Communication	Finance, property and business services
—'000—					
Weekly earnings (\$)—					
Under 100	20.7	117.9			26.3
100 and under 110	5.7	21.9	6.4	4.5	7.2
110 " 120	5.1	18.5			6.3
120 " 130	7.7	20.2			9.3
130 " 140	8.5	14.1			6.8
140 " 150	8.4	16.5	7.7	5.0	7.0
150 " 160	8.7	16.2			8.7
160 " 170	9.8	16.4			8.8
170 " 180	7.9	13.2			7.5
180 " 190	16.4	16.6	5.7	5.3	10.3
190 " 200	12.1	14.8			9.7
200 " 210	25.9	19.1			15.9
210 " 220	22.2	14.0			13.3
220 " 240	29.3	45.9	6.7	5.7	26.3
240 " 260	34.3	32.8	8.2	5.4	29.5
260 " 280	17.9	14.0			16.3
280 " 320	19.7	13.9	14.0	5.5	20.8
320 and over	15.0	15.2			15.8
Total	275.4	441.2	48.7	31.3	245.8
— dollars —					
Median earnings	210	157	230	216	209
Mean earnings	209	159	224	207	207
	Public administration and defence(a)	Community services	Recreation, personal and other services	Other(b)	Total
—'000—					
Weekly earnings (\$)—					
Under 100	7.5	80.9	62.0	16.2	339.2
100 and under 110		16.8	9.6		68.0
110 " 120	5.8	16.9	7.6	5.9	57.3
120 " 130		19.7	8.8		74.6
130 " 140		13.0	6.4		54.4
140 " 150	5.6	14.2	4.7	5.5	54.7
150 " 160		18.3	9.2		70.0
160 " 170	5.2	19.1	6.0		66.6
170 " 180		17.1	6.7	5.8	59.8
180 " 190		15.4	4.9		70.8
190 " 200	6.8	20.0	5.3		68.5
200 " 210	5.2	26.2	9.4		108.0
210 " 220	4.9	23.6	6.4	7.7	89.4
220 " 240	6.6	45.1	10.8		175.3
240 " 260	10.1	47.5	6.5	4.5	174.6
260 " 280	8.6	35.5	4.9	5.3	106.7
280 " 320	9.3	55.7	6.3	4.7	143.6
320 and over	12.7	148.0	5.8	5.0	223.8
Total	88.3	633.0	181.2	60.5	2,005.4
— dollars —					
Median earnings	229	226	134	172	202
Mean earnings	235	239	145	184	202

(a) Excludes defence forces. (b) Comprises agriculture, forestry, fishing, etc.; mining; electricity, gas and water; and construction.

TABLE 10. EMPLOYEES WHO WORKED IN A SECOND JOB: WEEKLY EARNINGS IN MAIN JOB AND WEEKLY EARNINGS IN SECOND JOB, AUSTRALIA, AUGUST 1982

	Males				Females			
	Weekly earnings in second job			Mean weekly earnings in second job	Weekly earnings in second job			Mean weekly earnings in second job
	Under \$30	\$30 and over	Total		Under \$30	\$30 and over	Total	
	'000	'000	'000	\$	'000	'000	'000	\$
Weekly earnings in main job (\$)—								
Under 140	*	*	5.4	52	7.3	11.5	18.8	49
140 and under 200	*	5.4	6.0	79	5.0	7.3	10.6	65
200 „ 240	5.4	6.4	7.5	81				
240 „ 280		6.6	7.3	78				
280 and over		19.6	23.1	78		7.0	8.8	68
Total	8.4	40.9	49.3	76	12.3	25.9	38.2	58
—dollars—								
Median earnings in main job	240	275	272	..	111	158	142	..
Mean earnings in main job	256	293	287	..	128	181	164	..

TABLE 11. EMPLOYEES WHO WORKED IN A SECOND JOB: NUMBER, MEDIAN AND MEAN WEEKLY EARNINGS IN ALL JOBS(a), HOURS WORKED IN MAIN JOB AND HOURS WORKED IN SECOND JOB, AUSTRALIA, AUGUST 1982

Hours worked in second job	Hours worked in main job								
	Under 35			35 and over			Total		
	Number of employees ('000)	Median earnings (\$)	Mean earnings (\$)	Number of employees ('000)	Median earnings (\$)	Mean earnings (\$)	Number of employees ('000)	Median earnings (\$)	Mean earnings (\$)
MALES									
Under 5	*	*	*	7.0	361	384	10.8	311	320
5 and over	11.2	316	346	27.3	368	386	38.5	361	374
Total	15.0	299	310	34.3	367	385	49.3	352	362
FEMALES									
Under 5	9.6	140	148	*	*	*	13.4	173	186
5 and over	17.6	187	211	7.2	304	316	24.8	235	241
Total	27.2	172	189	11.0	298	305	38.2	215	222

(a) Includes earnings in main job whether employee actually worked or was on paid leave at any time during the survey week.

TABLE 12. EMPLOYEES WHO WORKED IN A SECOND JOB: WEEKLY EARNINGS AND HOURS WORKED IN SECOND JOB, AUSTRALIA, AUGUST 1982

	Hours worked in second job					
	Males			Females		
	Under 5	5 and over	Total	Under 5	5 and over	Total
	—'000—					
Weekly earnings in second job (\$)—						
Under 30	5.6	*	8.4	9.0	*	12.3
30 and over	5.2	35.7	40.9	*	21.5	25.9
Total	10.8	38.5	49.3	13.4	24.8	38.2
—dollars—						
Median earnings	29	75	63	25	59	46
Mean earnings	37	87	76	29	74	58

TABLE 13. FULL-TIME EMPLOYEES : WEEKLY EARNINGS IN ALL JOBS AND AGE, AUSTRALIA, AUGUST 1982

	Age group (years)								
	15-19	20-24	25-34	35-44	45-54	55-59	60 and over	Total 20 and over	Total
MALES									
	— '000—								
Weekly earnings(\$)— Under 110	40.8	7.6	6.3	7.0	4.5	*	*	29.6	70.3
110 and under 120	17.6	7.1	6.4	*	5.3	7.9	6.8	6.3	23.9
120 " 130	21.7								12.4	34.1
130 " 140	19.6							8.7	28.3
140 " 150	15.1	5.2	*	6.1	5.3	7.1	4.6	14.4	29.5
150 " 160	20.5	7.5	5.3					22.6	43.1
160 " 170	18.7	5.6	7.2	7.1	8.1	9.2	8.5	21.4	40.0
170 " 180	14.4	11.1	10.6					34.8	49.2
180 " 190	13.5	13.9	10.6	8.8	6.4	7.1	4.6	45.8	59.4
190 " 200	9.8	13.2	10.6	10.1	7.8			47.4	57.2
200 " 210	12.4	28.5	26.1	19.3	15.1	9.2	8.5	102.6	114.9
210 " 220	9.9	23.3	22.7	15.8	13.0	6.0		85.0	94.8
220 " 230	6.5	30.1	35.6	23.4	21.0	12.1	7.8	126.5	133.1
230 " 240	4.9	24.4	29.4	22.7	19.7	10.8		110.5	115.5
240 " 250	5.1	30.0	34.0	25.7	19.4	11.0	6.2	126.5	131.6
250 " 260	6.2	29.6	48.3	34.7	32.0	13.5	4.8	162.9	169.1
260 " 280	5.7	40.0	58.7	39.3	37.7	15.6	10.5	201.7	207.4
280 " 300	4.9	35.4	69.4	44.2	38.6	16.6	11.1	214.9	219.5
300 " 320	4.5	32.0	88.3	63.3	43.7	18.7	9.3	255.2	258.0
320 " 340		22.2	55.1	39.3	27.1	11.1	6.5	161.3	163.4
340 " 360	4.8	19.8	58.3	38.3	25.4	7.5	7.7	153.1	153.5
360 " 380		11.7	45.3	34.0	21.9	7.4		123.5	124.1
380 " 400		11.1	42.0	32.8	17.7	8.1	7.5	115.7	116.4
400 " 450		11.2	68.1	61.9	38.5	11.9		195.9	196.7
450 " 500		8.9	44.1	42.4	25.1	9.4	4.8	133.8	134.3
500 " 550		4.6	29.6	35.2	23.7	7.2		102.8	103.3
550 " 600		*	18.2	24.0	17.2	7.5	9.2	72.4	72.7
600 and over		7.2	35.7	53.1	32.1	15.8		149.7	150.7
Total	256.7	445.1	870.1	692.4	506.4	215.9	107.9	2,837.8	3,094.5
— dollars —									
Median earnings	157	255	311	327	309	296	284	304	293
Mean earnings	169	275	337	365	348	341	312	335	322
FEMALES									
	— '000—								
Weekly earnings(\$)— Under 110	31.4	5.7	8.3	6.6	4.9			27.7	59.1
110 and under 120	15.7	9.2				5.7	6.3	6.6	22.3
120 " 130	22.9		5.5	5.3	4.9			11.1	34.0
130 " 140	17.8					7.0	6.3	7.5	25.4
140 " 150	17.9	5.3						11.1	29.0
150 " 160	15.5	7.8	6.8	5.4	5.5	7.6	4.6	21.9	37.4
160 " 170	16.7	9.7	7.1	*				24.5	41.2
170 " 180	12.8	10.9	6.7	5.5		7.0	4.6	28.1	40.9
180 " 190	12.5	15.0	8.4	10.1	6.6			42.5	55.1
190 " 200	7.8	17.3	8.8	8.5	8.1	7.6	4.6	45.0	52.8
200 " 210	6.4	30.0	19.4	18.2	14.0			84.7	91.1
210 " 220	4.8	26.2	17.9	12.5	10.9	7.0	4.6	71.8	76.6
220 " 230		30.1	20.3	14.1	12.8			80.9	83.9
230 " 240	7.9	25.4	18.0	12.1	9.8	8.0	4.6	71.5	73.1
240 " 250		22.0	21.5	13.5	10.7			71.6	73.6
250 " 260		25.5	25.7	17.5	11.2			85.9	87.2
260 " 280		28.2	34.9	17.9	15.0			100.0	101.8
280 " 300		17.8	24.4	16.8	8.2	11.4	6.6	72.9	73.6
300 " 320		15.6	23.8	13.9	6.9			61.7	62.2
320 " 340	6.0	10.0	15.8	8.7	5.2	4.7	6.6	42.2	42.9
340 " 360		4.9	13.4	9.5	*			33.4	33.8
360 " 400		*	27.9	12.1	7.5			52.9	53.5
400 and over		6.4	32.8	23.1	11.5			79.2	80.7
Total	196.2	327.1	347.5	234.4	164.3	44.3	17.5	1,135.1	1,331.3
— dollars —									
Median earnings	146	229	260	251	238	245	238	245	232
Mean earnings	154	237	280	270	257	262	255	261	245

TABLE 14. FULL-TIME EMPLOYEES: WEEKLY EARNINGS IN ALL JOBS AND BIRTHPLACE, AUSTRALIA, AUGUST 1982

	Australia	Main English- speaking countries(a)	Germany, Federal Republic of	Greece	Italy	Yugo- slavia	Other	Total
MALES								
— '000 —								
Weekly earnings (\$)—								
Under 120	78.7	8.0	8.3	5.6	8.4	5.4	10.3	94.2
120 and under 140	51.4	8.0						62.4
140 " 160	61.3	4.7						72.6
160 " 180	71.0	8.3						89.3
180 " 200	86.7	9.6	4.5	5.9	8.0	9.8	18.3	116.5
200 " 220	154.2	18.8						209.8
220 " 240	173.4	25.5						248.3
240 " 260	207.3	33.8						300.6
260 " 280	142.2	21.5	4.7	5.4	7.3	5.6	24.5	207.7
280 " 320	339.0	61.3						477.5
320 " 360	221.1	46.5						317.0
360 " 400	174.3	37.9						240.5
400 and over	467.7	115.9	7.7	*	6.6	6.1	51.7	658.1
Total	2,228.3	399.9	26.9	41.6	80.6	51.6	265.5	3,094.5
— dollars —								
Median earnings	291	320	326	258	262	268	287	293
Mean earnings	318	354	346	269	283	296	320	322
FEMALES								
— '000 —								
Weekly earnings (\$)—								
Under 120	69.7	7.0	*	8.1	7.7	5.5	10.0	81.4
120 and under 140	48.9	6.1						59.4
140 " 160	51.8	6.9						66.4
160 " 180	62.9	7.2						82.1
180 " 200	77.1	10.2	8.0	11.0	15.2	15.2	8.6	107.9
200 " 240	224.6	38.6						324.7
240 " 280	190.8	36.3						262.5
280 " 320	100.8	19.6						135.9
320 and over	162.2	29.4					16.7	211.0
Total	988.9	161.3	10.7	19.1	23.0	20.7	107.5	1,331.3
— dollars —								
Median earnings	233	244	235	205	210	223	229	232
Mean earnings	244	258	234	213	218	230	251	245

(a) Comprises U.K., Ireland, Canada, South Africa, U.S.A. and New Zealand.

NOTE. See paragraph 6(a) of the Explanatory notes and paragraphs 5 and 6 of the Technical note, regarding interpretation of the figures in this table.

TABLE 15. FULL-TIME EMPLOYEES: NUMBER, MEAN WEEKLY EARNINGS IN ALL JOBS, BIRTHPLACE AND OCCUPATION, AUSTRALIA, AUGUST 1982

Occupation	Males			Females		
	Number ('000)	Per cent of total	Mean weekly earnings (\$)	Number ('000)	Per cent of total	Mean weekly earnings (\$)
BORN IN AUSTRALIA						
Professional, technical, etc.	320.9	14.4	406	230.5	23.3	317
Administrative, executive and managerial	193.6	8.7	417	19.2	1.9	281
Clerical	243.1	10.9	313	433.7	43.9	232
Sales	135.0	6.1	281	93.2	9.4	191
Farm workers, etc.	109.1	4.9	220	7.9	0.8	141
Transport and communication	166.0	7.4	310	22.8	2.3	232
Tradesmen, production-process workers and labourers, n.e.c.(a)	948.4	42.6	289	76.9	7.8	206
Service, sport and recreation	112.1	5.0	310	104.6	10.6	212
Total	2,228.3	100.0	318	988.9	100.0	244
BORN IN MAIN ENGLISH-SPEAKING COUNTRIES(b)						
Professional, technical, etc.	71.1	17.8	434	35.3	21.9	339
Administrative, executive and managerial	41.3	10.3	439	4.9	3.0	286
Clerical	37.9	9.5	323	67.5	41.8	245
Sales	21.2	5.3	316	15.3	9.5	211
Farm workers, etc.	6.9	1.7	246	*	*	*
Transport and communication	20.7	5.2	342	*	*	*
Tradesmen, production-process workers and labourers, n.e.c.(a)	181.4	45.4	321	18.3	11.3	220
Service, sport and recreation	19.4	4.9	336	16.0	9.9	218
Total	399.9	100.0	354	161.3	100.0	258
BORN IN OTHER COUNTRIES						
<i>Germany, Federal Republic of—</i>						
Professional, technical, etc.	*	*	*	*	*	*
Tradesmen, production-process workers and labourers, n.e.c.(a)	12.8	47.6	323	*	*	*
Total	26.9	100.0	346	10.7	100.0	234
<i>Greece—</i>						
Tradesmen, production-process workers and labourers, n.e.c.(a)	28.2	67.8	268	12.3	64.4	206
Service, sport and recreation	*	*	*	*	*	*
Total	41.6	100.0	269	19.1	100.0	213
<i>Italy—</i>						
Professional, technical, etc.	*	*	*	*	*	*
Clerical	*	*	*	4.7	20.4	243
Transport and communication	5.2	6.5	278	*	*	*
Tradesmen, production-process workers and labourers, n.e.c.(a)	56.4	70.0	279	13.6	59.1	199
Service, sport and recreation	5.1	6.3	264	*	*	*
Total	80.6	100.0	283	23.0	100.0	218
<i>Yugoslavia—</i>						
Tradesmen, production-process workers and labourers, n.e.c.(a)	42.0	81.4	293	12.3	59.4	206
Total	51.6	100.0	296	20.7	100.0	230
<i>Other countries—</i>						
Professional, technical, etc.	36.1	13.6	440	20.2	18.8	343
Administrative, executive and managerial	19.9	7.5	409	*	*	*
Clerical	24.1	9.1	309	32.3	30.0	245
Sales	9.3	3.5	299	*	*	*
Transport and communication	15.1	5.7	318	*	*	*
Tradesmen, production-process workers and labourers, n.e.c.(a)	139.9	52.7	290	32.4	30.1	217
Service, sport and recreation	17.3	6.5	267	14.5	13.5	210
Total	265.5	100.0	320	107.5	100.0	251
TOTAL						
Professional, technical, etc.	439.1	14.2	413	290.3	21.8	322
Administrative, executive and managerial	266.7	8.6	417	27.0	2.0	281
Clerical	311.8	10.1	313	548.4	41.2	235
Sales	170.1	5.5	286	114.9	8.6	196
Farm workers, etc.	123.0	4.0	222	8.5	0.6	146
Transport and communication	213.8	6.9	313	28.3	2.1	236
Tradesmen, production-process workers and labourers, n.e.c.(a)	1,409.1	45.5	293	168.5	12.7	210
Service, sport and recreation	160.8	5.2	306	145.3	10.9	213
Total	3,094.5	100.0	322	1,331.3	100.0	245

(a) Includes miners and quarrymen. (b) Comprises U.K., Ireland, Canada, South Africa, U.S.A. and New Zealand.

NOTE. See paragraph 6(a) of the Explanatory notes and paragraphs 5 to 9 inclusive of the Technical note, regarding interpretation of the figures in this table.

TABLE 16. FULL-TIME EMPLOYEES : WEEKLY EARNINGS IN MAIN JOB AND INDUSTRY, AUSTRALIA, AUGUST 1982

MALES							
	<i>Agriculture, forestry, fishing, etc.</i>	<i>Mining</i>	<i>Manufacturing</i>	<i>Electricity, gas and water</i>	<i>Construction</i>	<i>Wholesale and retail trade</i>	<i>Transport and storage</i>
— '000—							
<i>Weekly earnings (\$)—</i>							
Under 120	15.0		22.5		5.9	25.3	4.5
120 and under 140	11.2	5.4	15.7	5.7	6.7	15.2	6.9
140 " 160	6.6		17.2		9.0	15.1	
160 " 180	9.9		20.6		9.8	18.2	5.7
180 " 200	11.8		33.2	11.1	10.0	24.7	7.6
200 " 220	7.9		59.1		14.8	44.2	16.3
220 " 240	9.3	5.0	73.0	9.1	16.2	53.6	22.6
240 " 260	7.0		93.6	9.0	25.2	54.5	25.8
260 " 280	8.2	8.3	72.5	7.4	14.6	35.4	19.7
280 " 300			67.8	10.5	18.7	38.1	17.7
300 " 320			75.5	12.8	27.7	39.8	22.9
320 " 340		4.8	51.0	6.6	21.6	20.7	12.3
340 " 360			39.7	7.0	16.0	23.6	12.9
360 " 400		6.1	60.5	10.6	24.0	27.1	20.6
400 " 450	10.0	6.3	49.0	9.6	14.6	18.5	15.0
450 " 500		6.9	31.1	7.0	9.3	10.3	12.8
500 and over		33.4	58.8	11.9	22.4	34.4	28.8
Total	96.9	76.2	840.8	118.1	266.5	498.8	252.1
— dollars —							
Median earnings	206	466	284	310	302	260	299
Mean earnings	227	477	307	337	315	286	333
	<i>Communication</i>	<i>Finance, property and business services</i>	<i>Public administration and defence(a)</i>	<i>Community services</i>	<i>Recreation, personal and other services</i>	<i>Total</i>	
— '000—							
<i>Weekly earnings (\$)—</i>							
Under 120		4.8		8.9	8.4		95.3
120 and under 140	5.1	5.8	5.5				62.7
140 " 160		5.5		8.2	5.3		74.9
160 " 180		7.5		7.4			89.1
180 " 200	9.7	9.0	8.5		8.9		118.5
200 " 220		15.4	11.0	14.8	9.7		212.4
220 " 240	8.6	13.5	16.0	18.1	9.8		250.7
240 " 260	10.4	17.1	20.7	22.7	10.8		301.8
260 " 280	6.1	14.1	15.7	15.5	4.9		209.8
280 " 300	7.1	14.3	13.2	20.4	4.9		219.4
300 " 320	11.9	19.0	13.2	19.8	7.2		258.8
320 " 340		11.1	8.9	16.0			161.5
340 " 360	12.0	12.2	9.4	17.3	8.0		153.2
360 " 400	7.3	22.4	17.1	32.1	7.0		236.6
400 " 450	6.7	13.9	15.1	37.6			193.9
450 " 500	4.5	10.9	11.1	23.9	9.0		133.2
500 and over	6.2	36.2	25.1	55.7	5.9		322.6
Total	95.6	232.6	190.4	326.8	99.7		3,094.5
— dollars —							
Median earnings	301	310	307	344	253		293
Mean earnings	319	344	345	368	284		322

For footnote see end of table.

TABLE 16. FULL-TIME EMPLOYEES: WEEKLY EARNINGS IN MAIN JOB AND INDUSTRY, AUSTRALIA, AUGUST 1982—continued

FEMALES					
	<i>Manufacturing</i>	<i>Wholesale and retail trade</i>	<i>Transport and storage</i>	<i>Communication</i>	<i>Finance, property and business services</i>
— '000—					
<i>Weekly earnings (\$)—</i>					
Under 120	7.9	27.0			8.8
120 and under 140	8.5	19.7	6.1	*	10.3
140 " 160	11.9	16.8			10.4
160 " 180	14.2	20.8			12.5
180 " 200	26.0	24.9	7.9	6.4	17.3
200 " 220	46.4	29.7			24.2
220 " 240	28.4	43.4	9.1	7.6	21.8
240 " 260	33.9	30.8			27.8
260 " 280	17.6	13.1	6.8		16.1
280 " 300	12.0	7.7		6.9	10.2
300 and over	20.6	20.6	7.4		25.1
Total	227.5	254.5	37.3	24.1	184.6
— dollars —					
Median earnings	219	211	243	234	229
Mean earnings	226	210	244	231	232
	<i>Public administration and defence(a)</i>	<i>Community services</i>	<i>Recreation, personal and other services</i>	<i>Other(b)</i>	<i>Total</i>
— '000—					
<i>Weekly earnings (\$)—</i>					
Under 120	5.7	15.4	10.9	7.1	82.6
120 and under 140	7.0	8.9	5.4		61.3
140 " 160		13.7	6.9	6.8	67.3
160 " 180		16.4	7.6		82.1
180 " 200	5.8	22.1	6.2		108.6
200 " 220	9.8	36.6	11.9	7.5	167.7
220 " 240	6.3	38.3	8.8		157.7
240 " 260	10.1	40.0	6.1	9.6	161.9
260 " 280	8.4	31.9	4.8		101.2
280 " 300	5.5	25.7			73.0
300 and over	16.1	159.2	11.5	9.3	267.8
Total	74.7	408.2	80.0	40.4	1,331.3
— dollars —					
Median earnings	246	268	204	232	232
Mean earnings	258	289	208	225	245

(a) Excludes defence forces. (b) Comprises agriculture, forestry, fishing, etc.; mining; electricity, gas and water; and construction.

TABLE 17. FULL-TIME EMPLOYEES : WEEKLY EARNINGS IN MAIN JOB AND OCCUPATION, AUSTRALIA, AUGUST 1982

	Professional and technical, etc.	Adminis- trative, executive and managerial	Clerical	Sales	Farmers, fishermen, timber- getters, etc.	Transport and communi- cation	Tradesmen, production- process workers and labourers, n.e.c.(a)	Service, sport and recreation	Total
MALES									
— '000 —									
Weekly earnings (\$)— Under 140	7.9	6.8	11.1	12.3	21.7		85.4	9.2	158.1
140 and under 150	5.6		8.3	6.6	8.3	7.4	14.4		30.5
150 " 160							22.1		44.4
160 " 170	5.2	6.1	10.0	6.7	8.8	4.6	19.0	8.8	39.8
170 " 180			5.0		7.0		27.8		49.3
180 " 190	8.2		4.9	8.0	4.8	7.1	31.2	7.0	59.8
190 " 200		5.5	11.6	8.1	9.7	9.6	31.2	7.5	58.6
200 " 210	5.0		9.5	4.9	6.4	10.0	60.7	7.1	116.3
210 " 220	6.5	7.9	11.9	8.9	8.5	13.8	49.6	8.9	96.0
220 " 230	7.4	4.7	11.1	7.1	6.2	11.6	72.2	6.5	135.1
230 " 240	6.4	4.5	12.9	8.0	6.7	13.3	61.0	10.1	151.6
240 " 250	11.2	8.4	17.3	15.0	8.4	14.6	69.8	6.8	131.8
250 " 260							88.4		170.0
260 " 280	13.5	8.0	26.9	12.2	9.4	18.4	113.7	12.7	209.8
280 " 300	23.6	12.7	24.1	10.4		18.1	115.1	10.4	219.3
300 " 320	26.2	23.6	28.0	12.9	6.8	17.3	134.1	11.9	258.8
320 " 340	23.1	15.3	18.4	6.9		8.6	81.9	5.4	161.5
340 " 360	27.8	16.8	19.6	10.4		8.9	60.2	7.7	153.2
360 " 380	25.7	13.0	16.4	6.1		7.2	46.9	5.7	121.8
380 " 400	24.8	15.2	15.1	5.7	5.5	7.4	40.7	5.1	114.8
400 " 450	58.5	24.3	18.4	7.2		9.6	62.6	10.9	194.0
450 " 500	41.5	19.0	12.0	7.2		8.4	40.2	6.9	133.2
500 " 550	33.7	22.1	6.2				27.2		101.4
550 " 600	24.0	17.4	4.5	5.4	4.8	7.6	18.4	6.1	73.2
600 and over	48.0	35.4	8.6			9.9	35.4	5.9	148.0
Total	439.1	266.7	311.8	170.1	123.0	213.8	1,409.1	160.8	3,094.5
— dollars —									
Median earnings	389	380	293	260	212	276	273	273	293
Mean earnings	411	416	311	284	220	312	292	304	322
FEMALES									
— '000 —									
Weekly earnings (\$)— Under 100	5.3		10.1				4.8	9.8	37.8
100 and under 110	4.5		8.7	9.0					22.3
110 " 120			8.0	6.9	4.7		8.5	8.9	22.6
120 " 130	4.6		17.7	6.0		5.2			34.6
130 " 140			12.6	5.7					26.8
140 " 150	6.8	6.0	12.5	9.5			6.4	5.5	29.1
150 " 160			15.3				7.0	5.4	38.3
160 " 170	7.7		15.6	6.1	*		8.5	4.7	40.9
170 " 180			17.7		*		5.9	7.9	41.2
180 " 190	5.4		22.0	9.7	*		14.0	6.3	55.5
190 " 200	5.3		20.7	6.0	*		10.3	8.1	53.0
200 " 210	10.0		34.9	8.1	*	6.7	24.2	11.5	91.3
210 " 220	5.8		27.9	6.1	*		18.9	13.4	76.3
220 " 230	8.4	5.1	34.9	11.8	*	4.5	13.8	11.8	84.3
230 " 240	8.1		36.1	6.3	*		8.6	10.3	73.5
240 " 260	22.4		88.0	10.4	*		17.8	16.6	161.8
260 " 280	17.7	8.9	57.6	5.1	*	6.6	7.4	8.1	101.2
280 " 320	42.4		64.6				7.0	8.9	134.0
320 " 360	40.1	7.0	21.7	8.2	*	5.3			75.4
360 and over	95.8		21.6				5.5	8.2	131.4
Total	290.3	27.0	548.4	114.9	8.5	28.3	168.5	145.3	1,331.3
— dollars —									
Median earnings	312	259	234	198	153	231	204	213	232
Mean earnings	320	279	234	196	146	234	209	212	245

(a) Includes miners and quarrymen.

NOTE. See paragraph 6(b) of the Explanatory notes regarding interpretation of the figures in this table.

TABLE 18. FULL-TIME EMPLOYEES BORN OVERSEAS : WEEKLY EARNINGS IN ALL JOBS
AND PERIOD OF ARRIVAL IN AUSTRALIA, AUGUST 1982

Period of arrival in Australia					
	Before 1962	1962-1971	1972-1976	1977- Aug. 1982	Total
MALES					
— '000 —					
Weekly earnings (\$)— Under 180	13.3	27.4	6.5	9.1	56.2
180 and under 190	5.2	4.9	9.2	5.9	15.1
190 " 200	4.9	4.9			14.7
200 " 210	11.8	10.3			29.8
210 " 220	8.3	11.0			25.8
220 " 230	14.6	16.1	4.6	4.5	39.8
230 " 240	13.0	12.1	4.9	5.0	35.0
240 " 250	14.5	15.2	4.6	8.8	43.1
250 " 260	20.4	16.6	5.6	7.5	50.2
260 " 280	24.3	23.2	8.0	10.0	65.5
280 " 300	22.3	21.2	7.9	10.1	61.6
300 " 320	28.4	29.4	9.8	9.3	77.0
320 " 360	35.3	32.1	15.6	12.7	95.9
360 " 400	25.7	21.2	7.7	11.6	66.2
400 " 500	37.5	33.4	13.9	13.4	98.2
500 and over	33.7	32.8	11.1	14.7	92.2
Total	313.3	311.9	109.3	131.6	866.2
— dollars —					
Median earnings	303	293	307	292	299
Mean earnings	334	323	332	329	329
FEMALES					
— '000 —					
Weekly earnings (\$)— Under 180	10.3	26.0	10.5	9.2	56.0
180 and under 200	7.5	13.2	5.5	4.6	30.8
200 " 220	13.3	22.2	7.7	11.4	54.6
220 " 240	11.4	18.3	6.4	9.4	45.5
240 " 280	18.4	25.6	13.1	14.7	71.7
280 and over	21.6	32.1	16.6	13.6	83.8
Total	82.5	137.4	59.6	63.0	342.4
— dollars —					
Median earnings	237	226	239	232	231
Mean earnings	254	246	248	246	248

TABLE 19. FULL-TIME EMPLOYEES BORN OVERSEAS : NUMBER, MEDIAN AND MEAN WEEKLY EARNINGS IN ALL JOBS, BIRTHPLACE AND PERIOD OF ARRIVAL IN AUSTRALIA, AUGUST 1982

Birthplace	Period of arrival in Australia												Total		
	Before 1962			1962-1971			1972-1976			1977-August 1982					
	Number (000)	Median weekly earnings (\$)	Mean weekly earnings (\$)	Number (000)	Median weekly earnings (\$)	Mean weekly earnings (\$)	Number (000)	Median weekly earnings (\$)	Mean weekly earnings (\$)	Number (000)	Median weekly earnings (\$)	Mean weekly earnings (\$)	Number (000)	Median weekly earnings (\$)	Mean weekly earnings (\$)
MALES															
Main English-speaking countries(a)	110.7	325	361	166.0	310	340	53.7	337	363	69.5	335	368	399.9	320	354
Germany, Federal Republic of	19.2	339	353	4.7	275	339	*	*	*	*	*	*	26.9	326	346
Greece	16.3	256	264	23.0	261	267	*	*	*	*	*	*	41.6	258	269
Italy	54.0	267	284	22.0	250	282	*	*	*	*	*	*	80.6	262	283
Yugoslavia	13.7	286	336	27.4	259	277	8.1	278	303	*	*	*	51.6	268	296
Other	99.4	307	339	68.9	300	332	41.5	280	303	55.7	255	286	265.5	287	320
Total	313.3	303	334	311.9	293	323	109.3	307	332	131.6	292	329	866.2	299	329
FEMALES															
Main English-speaking countries(a)	28.3	253	275	71.2	236	253	28.4	251	260	33.5	246	253	161.3	244	258
Germany, Federal Republic of	7.5	235	240	*	*	*	*	*	*	*	*	*	10.7	235	234
Greece	7.4	208	215	10.9	199	209	*	*	*	*	*	*	19.2	205	213
Italy	12.6	216	228	9.5	206	207	*	*	*	*	*	*	22.9	210	218
Yugoslavia	*	*	*	11.4	223	233	*	*	*	*	*	*	20.7	223	230
Other	22.7	246	262	32.7	230	259	25.1	230	241	27.0	224	240	107.6	229	251
Total	82.5	237	254	137.4	226	246	59.6	239	248	63.0	232	246	342.4	231	248

(a) Comprises U.K., Ireland, Canada, South Africa, U.S.A., and New Zealand.

NOTE. See paragraph 6(a) of the Explanatory notes and paragraphs 5 and 6 of the Technical note, regarding interpretation of the figures in this table.

TABLE 20. ALL EMPLOYEES : OCCUPATION AND FREQUENCY OF PAY, AUSTRALIA, AUGUST 1982

Occupation	Frequency of pay							
	Weekly		Fortnightly		Monthly		Total(a)	
	'000	Per cent	'000	Per cent	'000	Per cent	'000	Per cent
MALES								
Professional, technical, etc.	88.4	18.9	288.1	61.7	81.0	17.3	467.1	100.0
Administrative, executive and managerial	112.1	41.3	62.0	22.9	92.2	34.0	271.1	100.0
Clerical	88.7	27.5	206.5	64.1	24.0	7.5	321.9	100.0
Sales	141.1	69.7	26.2	12.9	30.0	14.8	202.5	100.0
Farmers, fishermen, timber-getters, etc.	57.0	43.2	41.7	31.6	18.1	13.7	132.0	100.0
Transport and communication	113.9	51.1	98.2	44.1	5.8	2.6	222.8	100.0
Tradesmen, production-process workers and labourers, n.e.c.(b)	1,095.0	75.2	311.4	21.4	39.1	2.7	1,456.5	100.0
Service, sport and recreation	96.5	49.7	90.7	46.7	*	*	194.1	100.0
Total	1,792.7	54.9	1,124.9	34.4	293.4	9.0	3,268.0	100.0
FEMALES								
Professional, technical, etc.	49.3	12.1	327.8	80.1	19.5	4.8	409.1	100.0
Administrative, executive and managerial	18.5	52.8	8.2	23.5	6.1	17.6	35.0	100.0
Clerical	373.7	51.8	295.9	41.0	42.5	5.9	721.7	100.0
Sales	210.0	89.9	10.3	4.4	6.1	2.6	233.6	100.0
Farmers, fishermen, timber-getters, etc.	7.1	42.1	4.9	29.0	*	*	16.9	100.0
Transport and communication	16.5	38.6	23.1	53.9	*	*	42.9	100.0
Tradesmen, production-process workers and labourers, n.e.c.(b)	188.7	91.9	13.4	6.5	*	*	205.4	100.0
Service, sport and recreation	180.5	52.9	146.2	42.9	6.1	1.8	340.9	100.0
Total	1,044.3	52.1	829.9	41.4	87.3	4.4	2,005.4	100.0
PERSONS								
Professional, technical, etc.	137.7	15.7	615.9	70.3	100.6	11.5	876.2	100.0
Administrative, executive and managerial	130.5	42.6	70.2	22.9	98.3	32.1	306.1	100.0
Clerical	462.4	44.3	502.4	48.1	66.6	6.4	1,043.6	100.0
Sales	351.1	80.5	36.5	8.4	36.1	8.3	436.2	100.0
Farmers, fishermen, timber-getters, etc.	64.1	43.1	46.6	31.3	20.7	13.9	148.8	100.0
Transport and communication	130.4	49.1	121.3	45.7	8.6	3.2	265.7	100.0
Tradesmen, production-process workers and labourers, n.e.c.(b)	1,283.7	77.2	324.9	19.5	40.6	2.4	1,661.9	100.0
Service, sport and recreation	277.0	51.8	236.9	44.3	9.3	1.7	535.0	100.0
Total	2,837.0	53.8	1,954.8	37.1	380.7	7.2	5,273.4	100.0

(a) Includes individuals paid at intervals other than those indicated. (b) Includes miners and quarrymen.

TABLE 21. ALL EMPLOYEES : INDUSTRY AND FREQUENCY OF PAY, AUSTRALIA, AUGUST 1982

Industry	Frequency of pay							
	Weekly		Fortnightly		Monthly		Total(a)	
	'000	Per cent	'000	Per cent	'000	Per cent	'000	Per cent
MALES								
Agriculture, forestry, fishing, etc.	33.7	32.7	36.3	35.3	18.3	17.8	103.0	100.0
Mining	35.1	45.7	29.3	38.1	10.0	13.0	76.8	100.0
Manufacturing	640.3	74.5	121.9	14.2	94.1	10.9	860.0	100.0
Electricity, gas and water	54.9	46.4	62.4	52.7	*	*	118.3	100.0
Construction	211.3	77.2	45.5	16.6	11.5	4.2	273.9	100.0
Wholesale and retail trade	435.6	78.8	36.5	6.6	73.1	13.2	552.6	100.0
Transport and storage	110.5	42.6	129.8	50.1	13.4	5.2	259.2	100.0
Communication	*	*	95.5	98.5	*	*	96.9	100.0
Finance, property and business services	68.1	27.5	129.8	52.5	42.4	17.1	247.4	100.0
Public administration and defence(b)	53.7	27.6	138.7	71.4	*	*	194.2	100.0
Community services	51.0	14.1	283.9	78.8	21.0	5.8	360.3	100.0
Recreation, personal and other services	98.1	78.3	15.1	12.1	7.0	5.6	125.4	100.0
Total	1,792.7	54.9	1,124.9	34.4	293.4	9.0	3,268.0	100.0
FEMALES								
Manufacturing	241.8	87.8	18.1	6.6	13.3	4.8	275.4	100.0
Wholesale and retail trade	390.1	88.4	27.4	6.2	15.7	3.6	441.1	100.0
Transport and storage	28.8	59.1	15.6	32.0	*	*	48.7	100.0
Communication	*	*	28.5	91.0	*	*	31.3	100.0
Finance, property and business services	94.3	38.3	124.5	50.6	20.3	8.3	245.8	100.0
Public administration and defence(b)	11.2	12.7	74.8	84.7	*	*	88.3	100.0
Community services	91.5	14.5	506.4	80.0	22.1	3.5	633.1	100.0
Recreation, personal and other services	154.0	85.0	17.4	9.6	*	*	181.2	100.0
Other(c)	31.5	52.1	17.3	28.6	7.0	11.6	60.5	100.0
Total	1,044.3	52.1	829.9	41.4	87.3	4.4	2,005.4	100.0
PERSONS								
Agriculture, forestry, fishing, etc.	40.9	33.1	42.8	34.8	21.8	17.7	123.3	100.0
Mining	38.1	45.1	31.5	37.3	12.2	14.4	84.6	100.0
Manufacturing	882.1	77.7	140.1	12.3	107.4	9.5	1,135.4	100.0
Electricity, gas and water	59.5	46.5	67.4	52.7	*	*	127.9	100.0
Construction	228.0	76.8	49.1	16.5	12.9	4.3	296.8	100.0
Wholesale and retail trade	825.6	83.1	64.0	6.4	88.8	8.9	993.7	100.0
Transport and storage	139.3	45.2	145.4	47.2	16.2	5.3	307.9	100.0
Communication	*	*	123.9	96.7	*	*	128.2	100.0
Finance, property and business services	162.3	32.9	254.3	51.6	62.7	12.7	493.2	100.0
Public administration and defence(b)	64.9	23.0	213.5	75.6	*	*	282.5	100.0
Community services	142.5	14.3	790.2	79.6	43.1	4.3	993.3	100.0
Recreation, personal and other services	252.1	82.2	32.5	10.6	10.7	3.5	306.6	100.0
Total	2,837.0	53.8	1,954.8	37.1	380.7	7.2	5,273.4	100.0

(a) Includes individuals paid at intervals other than those indicated. (b) Excludes defence forces. (c) Comprises agriculture, forestry, fishing, etc.; mining; electricity, gas and water; and construction.

TABLE 22. ALL EMPLOYEES : FREQUENCY OF PAY, STATES AND TERRITORIES, AUGUST 1982

State or Territory	Frequency of pay							
	Weekly		Fortnightly		Monthly		Total(a)	
	000	Per cent	000	Per cent	000	Per cent	000	Per cent
MALES								
New South Wales	676.2	58.1	358.8	30.8	113.2	9.7	1,164.8	100.0
Victoria	506.4	57.7	267.6	30.5	87.5	10.0	877.9	100.0
Queensland	274.1	55.4	169.9	34.3	40.9	8.3	495.1	100.0
South Australia	139.3	50.4	114.2	41.3	17.7	6.4	276.7	100.0
Western Australia	134.0	48.1	115.8	41.6	22.8	8.2	278.4	100.0
Tasmania	37.2	41.2	45.6	50.5	6.4	7.1	90.2	100.0
Northern Territory	11.7	37.1	17.9	56.8	*	*	31.5	100.0
Australian Capital Territory	13.9	26.0	35.1	65.8	3.1	5.7	53.4	100.0
<i>Australia</i>	<i>1,792.7</i>	<i>54.9</i>	<i>1,124.9</i>	<i>34.4</i>	<i>293.4</i>	<i>9.0</i>	<i>3,268.0</i>	<i>100.0</i>
FEMALES								
New South Wales	402.1	57.4	254.0	36.2	32.2	4.6	700.7	100.0
Victoria	289.7	51.5	229.9	40.9	28.1	5.0	562.2	100.0
Queensland	147.5	51.3	120.8	42.1	11.8	4.1	287.3	100.0
South Australia	80.1	46.6	83.0	48.3	5.5	3.2	171.7	100.0
Western Australia	85.7	49.0	78.2	44.7	6.9	3.9	174.8	100.0
Tasmania	20.0	38.8	29.5	57.1	1.6	3.1	51.6	100.0
Northern Territory	9.1	44.1	10.5	50.9	*	*	20.7	100.0
Australian Capital Territory	10.1	27.8	24.1	66.0	*	*	36.5	100.0
<i>Australia</i>	<i>1,044.3</i>	<i>52.1</i>	<i>829.9</i>	<i>41.4</i>	<i>87.3</i>	<i>4.4</i>	<i>2,005.4</i>	<i>100.0</i>
PERSONS								
New South Wales	1,078.3	57.8	612.7	32.8	145.4	7.8	1,865.4	100.0
Victoria	796.1	55.3	497.5	34.5	115.6	8.0	1,440.1	100.0
Queensland	421.5	53.9	290.7	37.2	52.7	6.7	782.5	100.0
South Australia	219.4	48.9	197.2	44.0	23.2	5.2	448.3	100.0
Western Australia	219.6	48.5	194.0	42.8	29.6	6.5	453.2	100.0
Tasmania	57.2	40.3	75.0	52.9	8.0	5.7	141.8	100.0
Northern Territory	20.8	39.9	28.4	54.5	2.2	4.2	52.2	100.0
Australian Capital Territory	24.0	26.7	59.2	65.9	4.0	4.5	89.9	100.0
<i>Australia</i>	<i>2,837.0</i>	<i>53.8</i>	<i>1,954.8</i>	<i>37.1</i>	<i>380.7</i>	<i>7.2</i>	<i>5,273.4</i>	<i>100.0</i>

(a) Includes individuals paid at intervals other than those indicated.

TECHNICAL NOTE

Estimation procedure

Estimates derived from the survey are obtained by using a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the estimates

2. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings they are subject to sampling variability; that is, they may differ from the figures that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure is the *relative standard error*, which expresses the standard error as a percentage of the estimate.

3. Space does not allow for the separate indication of the standard error of all estimates in this publication. Table A shows standard errors of estimates of numbers of employees for a range of estimate sizes, while Table B shows relative standard errors of estimates of mean and median earnings for different numbers of employees. These figures will not give a precise measure of the standard error of a particular estimate, but they will provide an indication of its magnitude.

4. An example of the use of Table A is as follows: Table 6 shows that the estimated number of male full-time employees in Australia whose weekly earnings were between \$300 and \$320 was 258,000. Table A shows the standard errors of Australian estimates of 200,000 and 300,000 to be 5,100 and 6,000 respectively. By interpolation, graphing standard errors against estimates and fitting a curve, the standard error of an estimate of 258,000 is approximately 5,600. Therefore there are about two chances in three that the number of employees whose weekly earnings were between \$300 and \$320 would be between 252,400 and 263,600, and about nineteen chances in twenty that the number would be between 246,800 and 269,200 if all dwellings had been included in the survey.

5. The procedure for obtaining the standard error of an estimated mean or median is as follows: from the table containing the mean or median obtain the number of employees to which it refers, from Table B obtain the percentage standard error appropriate to that number, interpolating where necessary, and apply this percentage to the estimated mean or median. If the estimate relates to part-time employees the standard error should be multiplied by 2 for males and 1.4 for females and persons.

6. An example of the use of Table B is as follows: Table 6 shows the mean weekly earnings of all female full-time employees in Australia as \$245 and the number of such employees as 1,331,300. Table B shows the relative standard errors of estimates based on 1,000,000 and 1,500,000 employees to be 0.64 per cent and 0.52 per cent respectively. By interpolation the relative standard error of the estimate is about 0.55 per cent, or a standard error of \$1.35 (0.55 per cent of \$245). Therefore there are about two chances in three that the mean weekly earnings of female full-time employees would fall within the range \$243.65 to \$246.35, and about nineteen chances in twenty that they would fall within the range \$242.30 to \$247.70, if all dwellings had been included in the survey.

7. As the standard errors in the tables show, the smaller the estimated number of employees the higher is the relative standard error. Very small estimates are thus subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In this publication estimates below the levels shown in Table A, and means, medians and other derived values based on such estimates, have not been included. Although figures for numbers of employees can in some cases be derived by subtraction they should not be regarded as reliable.

8. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. However, the relative standard error of the estimated percentage will generally be lower than the relative standard error of the estimate of the numerator. The relative standard errors of the numerators can be obtained from Table A.

9. The procedure for obtaining approximate standard errors of percentages is shown by the following example: in Table 15 the percentage of Australian-born male full-time employees in clerical occupations is shown as 10.9 and the numerator (i.e. the number of such employees) as 243,100. By interpolation from Table A the standard error of the numerator is approximately 5,500, the relative standard error is therefore 2.3 per cent (since 5,500 is 2.3 per cent of 243,100). The standard error of the percentage in clerical occupations is therefore approximately 2.3 per cent of 10.9, i.e. 0.3. Thus there are about two chances in three that the percentage that would have been obtained if all dwellings had been included in the survey is in the range 10.6 to 11.2 per cent and about nineteen chances in twenty that it is in the range 10.3 to 11.5 per cent.

10. Published figures may also be used to estimate the difference between two survey estimates (estimates of numbers, means, medians and percentages). Such figures are themselves estimates and therefore subject to sampling error. The sampling error of the difference between two survey estimates depends on the standard errors of the original estimates and on the relationship (correlation)

between the estimates. An approximate standard error of the difference between two estimates (x-y) may be calculated by the following formula:

Standard error (x-y)

$$= \sqrt{\{\text{Standard error (x)}\}^2 + \{\text{Standard error (y)}\}^2}$$

While this formula will be exact only for differences between separate and uncorrelated (unrelated) characteristics or sub-populations, it is expected to provide a good approximation for all differences likely to be of interest in this publication.

11. An example of the use of the above formula is as follows: Table 7 shows that for full-time employees the difference between the estimates of the mean weekly earnings of all married females and all not married females was \$30 (\$260-\$230). By using the procedure outlined in paragraph 5 the standard errors of the two

original estimates can be approximated as \$2.10 and \$1.80 respectively. Therefore the standard error of the difference of \$30 is $\sqrt{(\$2.10)^2 + (\$1.80)^2}$, or \$2.80 (rounded to the nearest 10 cents). Therefore there are about two chances in three that the difference that would have been obtained if all dwellings had been included in the survey is between \$27.20 to \$32.80 and about nineteen chances in twenty that it is between \$24.40 and \$35.60.

12. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents. Inaccuracies of this kind are referred to as the *non-sampling error*, and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures. See page 2, paragraph 5.

TABLE A-STANDARD ERRORS OF ESTIMATES

Size of estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia	
									—number—	Per cent of estimate
1,500						300				
2,000						340	470	440		
2,500				510	510	380	510	480		
3,000				550	560	410	550	510		
3,500			740	590	590	430	590	540		
4,000			780	620	630	460	620	560		
4,500	1,000	1,000	820	650	660	480	650	590	970	21.6
5,000	1,100	1,100	860	680	690	500	680	610	1,000	20.0
6,000	1,200	1,200	930	730	750	530	740	650	1,100	18.0
10,000	1,500	1,400	1,200	900	920	640	910	750	1,400	14.0
20,000	2,000	1,900	1,500	1,200	1,200	810	1,200	910	2,000	10.0
50,000	3,000	2,700	2,200	1,600	1,700	1,100	1,700	1,100	2,900	5.8
100,000	3,900	3,500	2,800	2,100	2,100	1,300		1,300	3,900	3.9
200,000	5,000	4,400	3,600	2,600	2,600	1,500			5,100	2.6
300,000	5,800	5,000	4,100	2,900	2,900				6,000	2.0
500,000	6,900	5,800	4,800	3,300	3,300				7,200	1.4
1,000,000	8,500	7,000	5,900						9,100	0.9
2,000,000	10,000	8,400							11,000	0.6
5,000,000									15,000	0.3

TABLE B-ESTIMATES OF RELATIVE STANDARD ERRORS OF MEANS AND MEDIANS (PER CENT)

Number of employees	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
1,000	23.45	23.45	19.62	16.58	15.73	12.86	16.58	16.58	20.31
1,500	19.15	19.15	16.02	13.54	12.85	10.49	13.54	13.54	16.58
2,000	16.58	16.58	13.87	11.73	11.12	9.08	11.73	11.73	14.36
3,000	13.54	13.54	11.33	9.57	9.08	7.42	9.57	9.57	11.73
5,000	10.49	10.49	8.78	7.42	7.04	5.75	7.42	7.42	9.08
7,000	8.86	8.86	7.42	6.27	5.95	4.86	6.27	6.27	7.68
10,000	7.42	7.42	6.21	5.24	4.98	4.06	5.24	5.24	6.42
15,000	6.06	6.06	5.07	4.28	4.06	3.32	4.28	4.28	5.24
20,000	5.24	5.24	4.39	3.71	3.52	2.87	3.71	3.71	4.54
30,000	4.28	4.28	3.58	3.03	2.87	2.35	3.03	3.03	3.71
50,000	3.32	3.32	2.78	2.35	2.23	1.82		2.35	2.87
70,000	2.80	2.80	2.35	1.98	1.88	1.54			2.43
100,000	2.35	2.35	1.96	1.66	1.57	1.29			2.03
150,000	1.91	1.91	1.60	1.35	1.28				1.66
200,000	1.66	1.66	1.39	1.17	1.11				1.44
300,000	1.35	1.35	1.13	0.96	0.91				1.17
500,000	1.05	1.05	0.88						0.91
700,000	0.89	0.89							0.77
1,000,000	0.74	0.74							0.64
1,500,000	0.61								0.52
2,000,000									0.45
3,000,000									0.37
5,000,000									0.29